STATE OF OREGON
DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
1069 State Office Building
Portland, Oregon 97201

OPEN-FILE REPORT O-69-1

ANALYSES OF STREAM-SEDIMENT SAMPLES FROM SOUTHWESTERN OREGON WEST OF LONGITUDE 122° AND SOUTH OF LATITUDE 43°

by

Richard G. Bowen

1969

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NOTES:

There are no samples from the Cape Blanco quadrangle.

There is no location map for the Crater Lake area.

STATE OF OREGON
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STREAM SEDIMENT SAMPLING PROGRAM

The analyses represented on the following pages are from samples collected as a part of the stream sediment sampling program initiated by the Department in 1963.

All samplers were instructed in techniques and an attempt was made to sample all drainages larger than a mile in area. Reconnaissance samples were not taken on drainages appreciably less than a mile in area.

All samples were collected in kraft paper envelopes, dried, sieved on a 60-mesh nylon screen, and sent to the laboratory in Portland for processing.

In the Portland laboratory, analytical methods followed generally accepted techniques of semiquantitative colorimetric analysis. Copper and zinc analyses follow the pyro-sulfate fusion technique described on page 19 of U.S. Geological Survey Bulletin 1152, "Analytical methods used in geochemical exploration by the U.S. Geological Survey." the molybdenum test used is described on page 62. All mercury analyses were performed on a Lemaire S-1 mercury detector.

All analyses performed by the Department of Geology and Mineral Industries were made, or directly supervised, by R. G. Bowen.

As a part of the U.S. Geological Survey's heavy metals program, semiquantitative spectrographic analyses for 30 elements were made on splits of all the samples. The Survey's analyses were made under the supervision of Jerry Motooka at the Denver Laboratory.

--Release date - June 20, 1969

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	Initials	Date
Prepared By	TF	2/66
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			(1) Cu ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
1	1	Uncalled, C6, 32S, ~~3E~~ 3E	.4	40	100	n	A1F001		025	t
2	2	Kiter Cr, NC6, 32S, ~~3E~~ 3E	.4	20	30	t	A1F002		050	0.1
3	3	Needle Cr. ~~SW19~~ SW 3, 31S, 3E	.4	20	50	t	A1F003		025	t
4	4	Schoolma'am Cr. NE30, 32S, 3E	.8	40	70	th	A1F004		025	t
5	5	Woodruff, NE19, 31S, 3E	.4	20	70	t	A1F005	50	025	t
6	6	Jim Cr. WC19, 31S, 3E	.4	20	50	th	A1F006		025	t
7	7	Top Cr. SW19, 31S, 3E	.4	20	30	th	A1F007		050	0.1
8	8	Hop Cr. SW19, 31S, 3E	.4	20	30	th	A1F008		025	t
9	9	Jim Cr. SC13, 31S, 2E	.4	20	20	th	A1F009		025	t
10	10	Little mite Cr. SW13, 31S, 2E	.4	20	70	th	A1F010		050	0.1
11	11	Uncalled, SW13, 31S, 2E	.4	20	70	th	A1F011		025	t
12	12	Little Sunshine, SC7, 31S, 3E	.8	40	70	th	A1F012		025	t
13	13	Abbott Cr. SC7, 31S, 3E	.8	40	70	th	A1F013		050	0.1
14	14	Sunshine Cr. WC7, 31S, 3E	.6	30	70	n	A1F014		050	0.1
15	15	McCall Cr. NW7, 31S, 3E	.6	30	70	th	A1F015	3	025	t
16	16	Uncalled, NW6, 31S, 3E	.6	30	70	th	A1F016		050	0.1
17	17	Uncalled, NC36, 30S, 2E	.4	20	50	n	A1F017		075	0.15
18	18	Uncalled, SW36, 30S, 2E	.6	30	50	th	A1F018		025	t
19	19	DeWitt Cr., SW36, 30S, 2E	.4	20	30	th	A1F019		050	0.1
20	20	Uncalled, SW27, 32S, 1E	.3	15	7	th	A1F020		025	t
21	21	Flat Cr. SE28, 32S, 1E	.4	20	30	th	A1F021		025	t
22	22	~~Shell Cr.~~ Un. NC20, 32S, 1E	.4	20	50	th	A1F022		025	t
23	23	Shell Cr. NW27, 32S, 1E	.4	20	30	th	A1F023		050	0.1
24	24	Jones Cr. SC22, 32S, 1E	.6	30	30	t	A1F024		050	0.1
25	25	Uncalled, NE27, 32S, 1E	.2	10	20	th	A1F025		050	0.1
26	26	Sugarpine Cr. NC23, 32S, 1E	.3	20	30	t	A1F026	th	050	0.1
27	27	Dodes Cr. NW24, 32S, 1E	.4	20	30	th	A1F027		025	t
28	28	Uncalled, NE9, 32S, 1E	.4	20	30	n	A1F028		025	t
29	29	Timber Cr. NE9, 32S, 1E	.6	30	30	t	A1F029	50	025	t
30	30	Hawk Cr. NE9, 32S, 1E	.4	20	20	th	A1F030		075	0.15
31	31	Elkhorn Cr. NC10, 32S, 1E	.2	10	50	th	A1F031		025	t
32	32	Kettle Cr. SW35, 32S, 1E	.2	10	50	th	A1F032		050	0.1
33	33	Tilson Cr. SE34, 31S, 1E	.4	20	50	th	A1F033		5.50 / 0.50	0.50 / 0.4
34	34	Sugarpine Cr. SE34, 31S, 1E	.4	20	30	th	A1F034		0.50	0.1
35	35	Sugarpine Cr. WC11, 32S, 1E	.4	20	30	t	A1F035		20 / 1	0.50 / 0.5
36	36	Squaw, C18, 32S, 2E	.4	20	30	th	A1F036		0.75	0.15
	37									
	38	Talent #85	.6	30	1			50		
	39									
	40									
		Cu Standard	.18							

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Initials Date
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		wide		(1) Cu			(2) Zn			(3) Mo			(4) Hg	
				%		ppm	%		ppm			ppm		ppm
37	1		Button Cr. C18, 32S, 2E	0.4	20	30	1	n	50	A1F037	n		025	t
38	2		Uncalled, NW17, 32S, 2E	0.4	20	30	tr			A1F038	n		025	t
39	3		Alder Cr. SE17, 32S, 2E	0.8	40	50	tr			A1F039	4		025	t
40	4		Button Cr. WC21, 32S, 2E	0.4	20	50	tr			A1F040	n		050	0.1
41	5		Uncalled, SE20, 32S, 2E	0.4	20	50	tr			A1F041	n		025	t
42	6	5	Uncalled, NE10, 30S, 1E	0.4	20	50	tr			A1F042	n		025	t
43	7	3	Luck Cr. C2, 30S, 1E	0.4	20	30	tr			A1F043	n		025	t
44	8	3	Uncalled, EC2, 30S, 1E	0.4	20	50	1		50	A1F044	n		025	t
45	9	4	Uncalled, NC1, 30S, 1E	0.4	20	50	tr			A1F045	n		025	t
46	10	4	Bean Cr. SC36, 29S, 1E	0.4	20	30	tr			A1F046	n		025	t
47	11	4	Twomile Cr., SE36, 29S, 1E	0.4	20	30	tr			A1F047	n		025	t
48	12	5	Uncalled, NE6, 30S, 2E	0.4	20	50	tr			A1F048	n		025	t
49	13	15	Uncalled, C4, 30S, 2E	0.4	20	50	tr			A1F049	n		025	t
50	14	5	Uncalled, NC3, 30S, 2E	0.4	20	30	n			A1F050	n		025	t
51	15	10	Abbott Cr. EC2, 30S, 2E	0.4	20	30	1		50	A1F051	n		025	t
52	16	20	Falcon Cr. NW7, 30S, 3E	0.8	40	50	1		50	A1F052	n		025	t
53	17	5	Tallow Cr., NW10, 30S, 1E	0.4	20	30	n			A1F053	n		025	t
54	18	5	Ralph Cr. SW10, 30S, 1E	0.4	20	20	n			A1F054	n		025	t
55	19	20	Squaw Cr. SE9, 30S, 1E	0.8	40	70	tr			A1F055	n		075	0.15
56	20	5	Uncalled, SW16, 30S, 1E	0.4	20	30	1		50	A1F056	n		025	t
57	21	20	Black Canyon, NW22, 30S, 1E	0.4	20	50	n			A1F057	n		025	t
58	22	6	Uncalled, C23, 30S, 1E	57 0.8	40	100	n			A1F058	n		200	0.4
59	23		Squaw Cr. SW24, 30S, 1E	0.8	40	70	n			A1F059	n		050	0.1
60	24	20	Donegan, SW24, 30S, 1E	0.8	40	50	n			A1F060	n		5.50 0.5/0.5	0.4
61	25	5	Soup Cr. SE20, 30S, 1E	0.4	20	30	1		50	A1F061	n		025	t
62	26	6	Whiskey Cr. SW20, 30S, 1E	0.4	20	30	1		50	A1F062	n		000	n
63	27	8-10	Deep Cut, NE17, 30S, 1E	0.4	20	20	n			A1F063	3		025	t
64	28													
65	29													
66	30	10	Freezeout Cr. NW18, 30S, 1E	0.4	20	30	1		50	A1F064	n		025	t
67	31		Uncalled, NW18, 30S, 1E	53 0.4	20	100	1		50	A1F065	n		025	t
68	32		Swanson, NC6, 32S, 2E	0.8	40	50	2		100	A1F066	n		050	0.1
69	33	7	Uncalled, SE8, 31S, 2E	67 0.8	40	100	1		50	A1F067	n		050	0.1
70	34	4	W. Fk. Swanson, NW7, 32S, 2E	73 1.0	50	150	1		50	A1F068	n		025	n
71	35	4	Uncalled, WC21, 31S, 2E	57 0.8	40	100	1		50	A1F069	n		050	0.1
72	36	6	Elk Cr. WC21, 31S, 2E	47 0.8	40	150	tr			A1F070	n		2.5 0.75	0.3
	37													
	38													
	39		Abbott butte #56	0.4		20	tr							
	40													
			Copper Standard	0.8										

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Initials	Date
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		wide		(1) Cu check value 1.5			(2) Zn sample value		(3) Mo		(4) Hg	PPM	
				r	PPM		r						
73	1		Uncalled, NW28, 31S, 2E	15	0.8	40	100	1	N	A1F071	050	0.1	1
74	2		Uncalled, NW28, 31S, 2E	43	0.8	40	150	tr	N	A1F072	075	0.15	2
75	3	3	Squaw Cr. NW17, 32S, 2E		0.4	20	70	tr	N	A1F073	025	t	3
76	4	15	Elk Cr. NW8, 32S, 2E		0.4	20	50	tr	N	A1F074	025	t	4
77	5	7-10	Brush Cr. NE8, 32S, 2E		0.4	20	30	tr	N	A1F075	025	t	5
78	6	6-8	Brush Cr. SW4, 32S, 2E	37	0.4	20	100	n	N	A1F076	025	t	6
79	7	6-8	Uncalled, SW4, 32S, 2E		0.4	20	50	1	N	A1F077	025	t	7
80	8	5-7	Uncalled, NW3, 32S, 2E		0.4	20	70	tr	N	A1F078	050	n	8
81	9	8-10	Uncalled, NW3, 32S, 2E		0.4	20	50	tr	N	A1F079	025	t	9
82	10	2-3	Uncalled, NC12, 32S, 1E	25	0.4	20	100	1	N	A1F080	050	0.1	10
83	11	20-30	Bitterluck Cr. C36, 31S, 1E		0.4	20	70	tr	N	A1F081	025	t	11
84	12	3	McCall Cr. SE2, 31S, 2E		1.5	75	100	2	N	A1F082	050	0.1	12
85	13	3-5	Red Fir Cr. SW11, 31S, 2E	13	0.8	40	100	2	N	A1F083	050	t	13
86	14	4-6	Little Sunshine, SW11, 31S, 2E	50	0.8	40	100	tr	N	A1F084	050	0.1	14
	15												15
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	34												34
	35												35
	36												36
	37												37
	38												38
	39												39
	40		Cu Standard		1.5								40

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	d=dry	wide		(1) Cu ppm	ppm	(2) Zn %	ppm	(3) Mo ppm	(4) Hg ppm
1	M	2d	Uncalled, NC 11, 33S, 12W	.8	40	70	3 t	150	A1F085	050	0.1
2	M	2	Uncalled, SW36, 32S, 12W	.4	20	50 n			A1F086	025	t
3	M	2	W7, 33S, 11W	.4	20	50 n			A1F087	025	t
4	M	2	Uncalled, SE7, 33S, 11W	.4	20	70 n			A1F088	025	t
5	M	4	Squaw Cr. NE20, 33S, 11W	.4	20	30 n			A1F089	025	t
6	M	4	Drowned Out Cr. SE17, 33S, 11W	.4	20	70 n			A1F090	075	0.15
7	M	4	Bear Cr. NE9, 33S, 11W	.4	20	30 n			A1F091	050	0.1
8	M	2	Lockhart Cr NW9 33S, 11W	.4	20	30 n			A1F092	000	n
9	M	2	Crater Cr NW19, 33S, 11W	.4	20	70 n	t		A1F093	050	0.1
10	M	2	Lake Cr. SW19, 33S, 11W	.4	20	70 n			A1F094	050	0.1
11	M	2	Sand Cr. NW30, 33S, 11W	.4	20	70 n			A1F095	025	t
12	M	15	Rock Cr. NW30, 33S, 11W	.4	20	70 n			A1F096	025	t
13	M	4	S.Fk. Rock Cr. SE27, 33S, 12W	.4	20	70 l		50	A1F097	025	t
14	M	4	N.Fk. Rock Cr. NE27, 33S, 12W	.4	20	50 l		50	A1F098	025	t
15	M	5	Billings Cr SE7, 34S, 11W	.4	20	50 l		50	A1F099	050	0.1
16	M	15	Foster Cr. NE18, 34S, 11W	.4	20	70 l		50	A1F100	025	t
17	M	4	Lone Tree Cr. NW19, 34S, 11W	.4	20	70 l		50	A1F101	000	n
18	M	5	Two Mile Cr. SW19, 34S, 11W	.4	20	70 n			A1F102	025	t
19	M	2	Slide Cr. NW31, 34S, 11W	.4	20	70 l		50	A1F103	025	t
20	M	4	Waters Cr. SW31, 34S, 11W	.4	20	70 n			A1F104	025	t
21	M		Shasta Costa Cr. SW5, 35S, 11W	.4	20	54 100 l		50	A1F105	025	t
22	M	3	Uncalled, SE7, 35S, 11W	.8	40	70 n			A1F106	025	t
23	M	2	Fall Cr. NE18, 35S, 11W	.8	40	100 n			A1F107	025	t
24	M	2	Uncalled, C29, 35S, 11W	.8	40	70 l		50	A1F108	025	t
25		2	Nancy Cr. SW28, 35S, 11W	.8	40	100 l		50	A1F109	025	t
26	M	4	Uncalled, NE13, 35S, 12W	.4	20	100 l	t		A1F110	025	t
27	M	3	Uncalled, NE15, 35S, 12W	.8	40 50	100 l	70		A1F111	025	t
28	M	3	Uncalled, SE21, 35S, 12W	.8	40 60	100 l			A1F112	025	t
29	M	3	Nail Keg Cr. SE21 35S, 12W	.4	20 55	100 2	t	100	A1F113	050	0.1
30	M	4	Foster Cr. NW11, 34S, 12W	.4	20 46	100 2	t	100	A1F114	025	t
31	M	4	Uncalled, SE2, 34S, 12W	.8	40	70 l	t		A1F115	025	t
32	M	2	Uncalled, SW4, 35S, 11W	.8	40	100 n			A1F116	025	t
33	M	2	Uncalled, SE5, 35S, 11W	.8	40	70 l		50	A1F117	025	t
34	M	2	Uncalled, SE5, 35S, 11W	.8	40 48	100 l		50	A1F118	025	t
35	M	3	Uncalled, SW5, 35S, 11W	1.5	75 30	100 l		50	A1F119	025	t
36	M	2	Bluejay Cr. WC12, 35S, 12W	1.0	50 55	150 2		100	A1F120	050	0.1
37											
38			Ashland Quad #38 4, 39S, 1E	1.0		50		0			
39											
40											

STANDARD

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				(1) Cu			(2) Zn			(3) Mo			(4) Hg	
	d = dry	wide		Au	%	ppm	%		ppm		ppm			ppm
37M	1	4	Morris Rodgers Cr C11, 35S, 12W	.8	40	70	1	t		50	n	AIF121	000	n
38M	2	8	Painted Rock Cr. C10, 35S, 12W	1.0	50	100	1	t		50	n	AIF122	025	t
39M	3	2	Uncalled WC10, 35S, 12W	1.0	50	55/150	1	t		50	n	AIF123	025	t
40M	4	5	Uncalled, SE9, 35S, 12W	1.5	75	68/150	1	t		50	n	AIF124	025	t
41M	5	4	Tiger Cr. SW16, 35S, 12W	.8	40	50	N				n	AIF125	050	0.1
42M	6	2	Bridge Cr. SE17, 35S, 12W	1.0	50	70	N				n	AIF126	050	0.1
43M	7	6	Tom East Cr. SW20, 35S, 12W	1.5	75	75/150	1	t		50	n	AIF127	025	t
44M	8	2	Uncalled, NE30, 35S, 12W	.8	40	30	N				n	AIF128	200	0.4
45M	9	3 d	Uncalled, NW31, 35S, 12W	1.0	50	70	T				n	AIF129	050	0.1
46M	10	6	Uncalled, C36, 35S, 13W	1.5	75	100	1			50	n	AIF130	050	0.1
47M	11	3	Flora Dell cr. SW3, 34S, 11W	.4	20	70	T				n	AIF131	050	0.1
48M	12	3	Flea Cr. SW3, 34S, 11W	1.0	50	70	N				n	AIF132	025	t
49M	13	2	Hicks Cr. NE9, 34S, 11W	.4	20	50	N				n	AIF133	025	t
50M	14	4	DANS Cr. NW9, 34S, 11W	.4	20	30	N				n	AIF134	025	t
	15													
	16													
	17													
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AGNESS 1967

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Approved By

BURROUGHS CORPORATION — TODD COMPANY DIV. — Form 11554

		Width		(1) MR	PPM	(2) Mn	(3) Mo	(4) Hg PPM		
51	1	5	E. Trib Blackberry C. E½22, 33S, 13W	50	50	50	50	30	n	n	n	1
52	2	5'	Blackberry C. E½22, 33S, 13W	30	70	30	30	20	AIH 690	n	n	n	2
53	3	2'	No. Trib Elk River NE¼, 33S, 13W	35	150	35	30	70	AIH 691	n	n	n	3
54	4	1'	W. Trib Bl'berry NE22, 33S, 13W	40	150	40	30	n	AIH 692	n	n	n	4
55	5		So. Trib Elk R. NE¼, 33S, 13W	45	150	45	C	n	AIH 693	n	t	n	5
56			So. Fk Elk R. SW30, 33S, 13W	35	50	35	20	n	AIH 694	n	n	n	6
57		5'	E. Trib Elk NW30, 33S, 12W	50	100	50	30	70	AIH 695	n	n	0.1	7
58		2'	N. Trib So. Fk Elk SC24, 33S, 13W	55	100	55	25	n	AIH 696	n	n	n	8
59		4'	UC SW24, 33S, 13W	75	150	75	150	100	AIH 697	n	n	n	9
60			So. Fk Elk R SE¼, 33S, 13W	55	100	55	50	70	AIH 698	n	n	n	10
61			No. Fk Elk R. SW¼, 33S, 13W	40	150	40	C	n	AIH 699	n	n	n	11
62		10'	No. Fk NW¼, 33S, 13W	50	150	50	20	n	AIH 700	n	n	n	12
63		10'	Lobster C. NW30, 34S, 12W	45	70	45	C	n	AIH 701	n	n	0.1	13
64		4'	So. Trib Lobster NW30, 34S, 12W	45	100	45	C	n	AIH 702	10 ×	n	t	14
65		3'	Iron Creek C25, 34S, 13W	50	150	50	40	25	AIH 703	10	n	t	15
66			Boulder C. NE25, 34S, 13W	30	70	30	C	n	AIH 704	n	n	n	16
67		10	No. Fk Lobster NE21, 34S, 13W	40	100	40	30	20	AIH 705	n	n	t	17
68		3'	UC So. Fk Lobster SW22, 34S, 13W	50	70	50	C	n	AIH 706	n	0.1	t	18
69		4'	W. Trib Silver Cr. NW27, 35S, 13W	45	100	45	C	n	AIH 707	n	0.1	0.1	19
103	70	5'	Wakeup Rilea C. NE3, 35S, 13W	50	100	50	20	n	AIH 708	n	t	n	20
70			W. Trib Silver C. SW22, 35S, 13W	35	70	35	C	n	AIH 709	n	0.15	t	21
71	72	5'	N. Trib Silver C. SE22, 35S, 13W	30	100	30	30	20	AIH 710	n	0.1	0.1	22
72	73	3'	Silver C. SE22, 35S, 13W	35	50	35	C	n	AIH 711	n	0.15	t	23
73	74	2'	E. Trib Silver C. SW27, 35S, 13W	25	100	35	C	n	AIH 712	t ×	1	t	24
74	75	4'	So. Fk Fall C. NW3, 35S, 13W	40	150	40	C	n	AIH 713	t ×	÷	t	25
75	76	4'	No. Fk Fall C. NW3, 35S, 13W	50	100	50	C	n	AIH 714	t ×	t	t	26
76	77	2'	Trib No. Fk Lobster NE¼, 34S, 13W	40	100	40	C	n	AIH 715	n	0.1	t	27
77	78		No. Fk Boulder C. NW6, 34S, 13W	20	30	20	C	n	AIH 716	n	0.15	n	28
78	79		E. Fk Boulder C. NW6, 34S, 13W	25	50	25	30	20	AIH 717	n	0.1	n	29
79	80	3'	Trib No. Fk Lobster NE1, 34S, 13W	35	70	35	40	40	AIH 718	n	t	t	30
80	81		No. Fk Lobster NE1, 34S, 13W	30	30	30	C	n	AIH 719	n	n	0.1	31
81	82	3'	Trib No. Fk Lobster NW1, 34S, 13W	35	30	35	30	n	AIH 720	n	t	t	32
82	83	5'	Trib No. Fk Lobster NW1, 34S, 13W	30	30	30	20	n	AIH 721	n	n	0.15	33
83	84	3	Trib No. Fk Lobster SE2, 34S, 13W	40	t	40	30	t n	AIH 722	n	n	n	34
84	85	2'	Trib No. Fk Lobster NE11, 34S, 13W	35	30	35	120	75	AIH 723	n	t	0.1	35
85	86	2'	Trib No. Fk Lobster NE11, 34S, 13W	30	30	30	40	t 25	AIH 724	n	t	0.1	36
86		4'	Trib No. Fk Lobster SW11, 34S, 13W	50	50	100	110	t 110	AIH 725	n	n	0.1	37
87	8	6'	Trib No. Fk Lobster SW11, 34S, 13W	35	70	70	60	50	AIH 726	n	n	0.1	38
88	89	2'	Trib No. Fk Lobster NE15, 34S, 13W	85	70	170	75	t 125	AIH 727	n	0.15	n	39
84	90	2'	E. Trib Rock C. C19, 33S, 11W	35	30	70	30	30	AIH 728	n	0.1	n	40

AGNESS 1967

Initials Date
Prepared By
Approved By

				(1) Cu Mo Spec	PPM	(2) Zn PPM Spec		(3) Mo		(4) Hg PPM Spec	
90	2	E. Trib Coquille R	C17, 33S, 11W	25	70	60		60	AIH 729	n	tr
91	3'	Poverty Gulch	SE32, 32S, 12W	60	120	200	200	200	AIH 730	n	0.2
92	3	W. Trib Poverty G.	SE32, 32S, 12W	45	90	145	tr	145	AIH 731	n	tr
93	2'	W. Trib Poverty G.	SE32, 32S, 12W	30	60	120	tr	120	AIH 732	n	n
94	2'	W. Trib Poverty G.	NE32, 32S, 12W	40	80	130		130	AIH 733	n	n
95	2'	E. Trib Lobster	SW20, 34S, 12W	25	50	90	tr	90	AIH 734	n	n
96	6'	Lobster G.	NW20, 34S, 12W	35	70	140	tr	140	AIH 735	n	n
97	6	UC	NW20, 34S, 12W	60	120	130		130	AIH 736	n	tr
98	6	UC	NE30, 34S, 12W	35	70	130	tr	130	AIH 737	n	0.1
		Copper standard 55 ppm		50							
		blank		25							
		Zinc St				145					
		Zinc St 55 ppm		25							
		blank									
99	41	E. Side Illinois R.	NE32, 35S, 11W		tr	n	200			n	0.1
100	42	Nancy Cr.	SE29, 35S, 11W		tr	n				n	0.2
101	43	Lawson Cr.	SE29, 35S, 11W		tr	n	200			n	0.15
102	44	Fox Cr.	C19, 35S, 11W		50	n				n	0.1
696-103	5'	Wakeup Rilea G.	NE3, 35S, 13W	50	50	n				n	tr

Illinois River Area

ASHLAND QUADRANGLE 1965

Prepared By TF Initials 1/66 Date
Approved By

		wide		(1) Cu cut in half ppm		(2) Zn ppm	Cu cut in half	Zn cut in half	(3) Mo ppm		(4) Hg M	ppm
1	1		N eil Cr. E½Sec 42 T39S R2E	1.5	40	20	N	T	AIF135		0	0
2	2		Clayton G. SE 36, 39S, 1E	1.5	40	50		1	50 AIF136		82.0 sk	0.4
3	3		Tolman Cr. SW 33, 39S, 1E	1.5	40	30		1	AIF137		.5	0.1
4	4		Neil Cr. NW 33 39S, 1E	1.5	40	7		N	AIF138		.5	0.1
5	5		Emigrant G. C 12, 39S, 1E	3	80	50		T	AIF139		.7	0.15
6	6		Walker Cr. C 12, 39S, 1E	1.5	40	50		T	AIF140		.5	0.1
7	7		Cove Cr. N½ 31, 39S, 1E	3	80	70		1	50 AIF141		0	0
8	8		Walker Cr. SW 32, 38S, 2E	.8	20	70		T	AIF142		1.0	0.2
9	9		WalkerCr NE 32, 38S, 2E	1.5	40	50		T	AIF143		0	0
10	10		UC NE 27, 38S, 2E	1.5	40	50		T	AIF144		0	0
	11		Frog Cr. NE 27, 38S, 2E	1.5	40	30		T	AIF145		1.0	0.2
	12		Frog Cr SW 32, 38S, 2E	1.5	40	30		T	AIF146	T	1.5	0.15
	13		UC NE 32, 38S, 2E	3	80	100		T	AIF147		1.0	0.2
	14		UC NE 27, 38S, 2E	1.5	40	50		1	50 AIF148		0.5	0.1
	15		Neil Cr. SW 31, 39S, 2E	.8	20	5		N	AIF149		0	0
	16		Hill Cr. SE 45, 39S, 2E	1.5	40	50		T	AIF150		0.5	0.1
	17		Emigrant Cr. NW 34, 39S, 2E	1.5	40	30		T	AIF151		0	0
	18		Trib to Emigrant NW 34, 39S, 2E	3	80	50		1	50 AIF152	10/T	2	0.4
	19		Trib to Emigrant C 36, 39S, 2E	1.5	40	30		T	AIF153		0	0
	20		UC SE 12, 40S, 2E	1.5	40	70		T	AIF154		.5	0.1
	21		Emigrant SE 12, 40S, 2E	1.5	40	50		T	AIF155		0	0
	22		Tyler SW 1, 40S, 2E	1.5	40	50		2	100 AIF156		0	0
	23		UC N½ 42 40S, 2E	1.5	40	50		1	50 AIF157	T	.5	0.1
	24		Emigrant SE 34, 39S, 2E	1.5	40	50		T	AIF158		.0	0
	25		Carter SE 36, 39S, 2E	1.5	40	30		1	50 AIF159		6/0/5/.5/.5	0.1
	26		Trib to Emigrant NW 34, 39S, 2E	1.5	40	50		1	50 AIF160		1.0	0.2
	27		Wall Cr. NE 8, 40S, 2E	3	80	50		T	AIF161		0	0
	28		SLIDE Cr. SE 5, 40S, 2E	1.5	40	50		T	AIF162		0	0
	29		Hill SE 5, 40S, 2E	3	80	50		T	AIF163		0	0
	30		Tolman S 23, 39S, 1E	.8	20	5		N	AIF164		0	0
	31		Ashland Cr. SW 21, 39S 1E	.8	20	50		N	AIF165		0	0
	32		Ashland Cr. NW 16, 39S, 1E	1.5	40	50		T	AIF166		.2	t
	33		~~Meg~~									
	34		Meyer Cr. NW 45, 38S, 1E	1.5	40	50		T	AIF167		0	0
	35		Butler Cr. 48, 38S, 1E	1.5	40	50		T	AIF168		.5	0.1
	36		Beate Cr. 48, 38S, 1E	1.5	40	30		1	50 AIF169	T	.5	0.1
	37											
	38		Ashland Cr. 4, 39S, 1E	1.5	40	50		N	AIF170		.2	t
	39		Beate Cr. N½ 43, 39S, 1E	.8	20	30		N	AIF171		0	0
	40										0	0
			STANDARD	1.5								8

BURROUGHS CORPORATION TODD COMPANY DIV. — L Form H55A

Mercury Analyser using Catalytic coil

#2	0.150 ppm
3	trace (less than 0.1 ppm)
4	Trace
5	Trace
6	Trace
8	0.100
12	0.100
13	Trace
14	Trace
16	0.100
18	0.150
20	0.100
23	Trace
25	Trace
26	Trace
35	Trace
36	Trace
46	Trace
52	Nil
53	0.100
54	Nil
59	Trace
65	Trace
#73	Trace
88	Trace
91	Nil
93	Nil
100	Nil
101	Nil

ASHLAND QUADRANGLE 1965

Initials TF Date 7/65
Prepared By
Approved By

		wide	(1) Cu ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg ppm
		Sec 31							
40	1	Trib to Bear Cr SE¼, 38S, 1E	.8	40	50 T		AIF172	000	0
41	2	Trib to Bear Cr. N½43, 39S, 1E	.8	40	50 T		AIF173	025	t
42	3	Gaerky Cr. NW¼44, 39S, 1E	.8	40	70 T		AIF174	025	t
43	4	Trib to Bear Cr. NW¼5, 39S, 1E	.8	40	50 N		AIF175	025	t
44	5	E. Fk. Cottonwood NW¼6, 41S, 2E	.8	40	50 2	100	AIF176	025	t
45	6	W Fk. Cottonwood SW¼31, 40S, 2E	.8	40	5 N		AIF177	000	0
46	7	Uncalled NE25, 40S, 1E	.8	40	7 N		AIF178	050	0.1
47	8	W.Fk Cottonwood NW25, 40S, 1E	.4	20	5 N		AIF179	025	t
48	9	uncalled SW26, 40S, 1E	.4	20	7 N		AIF180	000	0
49	10	Mill Creek SE27, 40S, 1E	.8	40	50 T		AIF181	025	t
50	11	Uncalled NW34, 40S, 1E	.8	40	50 T		AIF182	[illegible]	0
51	12	Cottonwood Cr. NE33, 40S, 1E	.8	40	30 N		AIF183	000	0
52	13	Uncalled NW33, 40S, 1E	.8	40	30 T		AIF184	050	0.1
53	14	Uncalled SW33, 40S, 1E	.8	40	50 T		AIF185	075	0.15
54	15	Grouse Cr. C32, 40S, 1E	.8	40	50 N		AIF186	100	0.2
55	16	Trib Grouse Cr SW32, 40S, 1E	.8	40	50 N		AIF187	025	t
56	17	E Fk Cottonwood Cr NE12, 41S, 1E	.4	20	20 T		AIF188	000	0
57	18	5 Cottonwood Cr. W13, 41s, 1E	.4	20	10 T		AIF189	025	t
58	19	B utler Cr. S29, T38S, R1E	.8	40	70 T		AIF190	025	t
59	20	E Fk Cottonwood E13, 41S, 1E	.8	40	30 1	50	AIF191	050	0.1
60	21	Uncalled NW30, 40S, 2E	.8	40	20 N		AIF192	000	0
61	22	Uncalled SW19, 40S, 2E	.4	20	30 1	50	AIF193 T	000	0
62	23	Uncalled SW19, 40S, 2E	.4	20	20 N		AIF194	025	t
63	24	Uncalled SE19, 40S, 2E	.8	40	50 N		AIF195	025	t
64	25	Uncalled SW32, 40S, 1E	.8	40	100 N		AIF196	025	t
65	26	Uncalled NE6, 41S, 1E	.4	20	70 N		AIF197	075	0.15
66	27	Cove Creek SE34, 38S, 2E	.4	20	50 N		AIF198	025	t
67	28	Uncalled SE34, 38S, 2E	.4	20	50 N		AIF199	025	t
68	29	Uncalled, SE 34, 38s, 2E	0.8	40	30 N		AIF200	025	t
69	30	Trib to Cove SE2, 39S, 2E	.4	20	30 N		AIF201	025	t
70	31	Sampson Cr. SE28, 39S, 2E	.8	40	30 N		AIF202	025	t
71	32	Trib Carter Cr SW10, 40S, 2E	.8	40	30 N		AIF203	025	t
72	33	Carter Creek SW10, 40S, 2E	.8	40	30 T		AIF204	025	t
73	34	Carter Cr. SW3, 40S, 2E	.8	40	30 1	50	AIF205	050	0.1
74	35	Uncalled SE1, 40S, 2E	.8	40	30 1	50	AIF206 T	000	0
75	36	Uncalled NW6, 40S, 3E	.4	20	30 N		AIF207	000	0
76	37	Tyler Creek SE1, 40S, 2E	.4	20	30 N		AIF208	000	0
77	38	Uncalled NE27, 39S, 2E	.8	40	30 N		AIF209	025	t
	39								
	40								
		Copper standard	.8		40				

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ASHLAND QUADRANGLE 1965

Prepared By TF 1/65
Approved By

	wide		(1) Cu ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
78		Uncalled NW26, 39S, 2E	.8	40	30	1	50	AIF210	025	t
79		Sampson Cr NW26, 39S, 2E	.4	20	30	1	50	AIF211	025	t
80										
81										
82		Sampson Creek SE24, 39S, 2E	.4	20	50	1	50	AIF212	000	0
83		Sampson Cr. SE13, 39S, 2E	.4	20	30	T		AIF213	000	0
84		Uncalled Ne25, 39S, 2E	.4	20	30	1	50	AIF214	000	0
85		Uncalled NW25, 39S, 2E	.4	20	30	1	50	AIF215	025	t
86		Reader Glade NE29, 39S, 1E	.4	20	20	N		AIF216	000	0
87		E. Fk. Ashland Cr. NW28, 39S, 1E	.2	10	5	N		AIF217	000	0
88		W. Fk. Ashland Cr. NW28, 39S, 1E	.4	20	30	N		AIF218	050	0.1
89		Uncalled SW 28 39S, 1E	.4	20	20	N		AIF219	025	t
90		Uncalled C32, 39S, 1E	.4	20	10	N		AIF220	025	t
91		W Fk Ashland Cr SE32, 39S, 1E	.4	20	20	N		AIF221	050	0.1
92		Uncalled SE32, 39S, 1E	.2	10	5	N		AIF222	000	0
93		Uncalled NE5 40S, 1E	.2	10	7	T		AIF223	050 s	0.1
94		Uncalled NW9 40S, 1E	.4	20	5	N		AIF224	025	t
95		Uncalled NW9, 40S, 1E	.4	20	5	N		AIF225	000	0
96		Uncalled SW4, 40S, 1E	.4	20	50	T		AIF226	000	0
97		Uncalled NW10, 40S, 1E	.4	20	5	T		AIF227 N	000	0
98		Uncalled NW10, 40S, 1E	.4	20	5	T		AIF228	000	0
99		Emigrant Cr. SC12, 40S, 2E	.8	40	5	1	50	AIF229	025	t
100		Baldy Cr. SE12, 40S, 2E	.6	30	50	N		AIF230	200 s	0.4
101		Uncalled C18, 40S, 3E	1.0	50	30	1	50	AIF231	050	0.1
102		Uncalled NE19, 40S, 3E	.8	40	50	T		AIF232	025	t
103		Baldy Cr NC19, 40S, 3E	.8	40	50	1	50	AIF233	025	t
104		Green Mtn Cr. C24, 40S, 2E	.8	40	50	1	50	AIF234	025	t
105		Uncalled NE30, 40S, 3E	.8	40	50	1	50	AIF235	025	t
106		Green Mtn Cr. NE30, 40S, 3E	.4	20	30	1	50	AIF236	000	0
107		Uncalled NW25, 40S, 2E	.8	40	50	2	100	AIF237	000	0
108		Uncalled WC24, 40S, 2E	1.0	50	70	T		AIF238	025	t
109		Porcupine Cr. SE26, 40S, 2E	.8	40	50	1	50	AIF239	000	0
110		Emigrant Cr. SE26, 40S, 2E	.8	40	70	1	50	AIF240	025	t
111		Emigrant Cr SE34, 40S, 2E	.8	40	70	1	50	AIF241	025	t
		Copper Standard	.8		40					

BONE MOUNTAIN 1965

Initials Date
Prepared by TF 2/66
Approved By

		wide		(1) Cu %	PPM		(2) Zn PPM	(3) Mo PPM	(4) Hg PPM	
1A	1	12	Coal Cr	0.4	20	10	N	AIF 242	0.2	
1B	2		NW4, 32S, 11W	0.4			N		0.2	
2A	3	2	Uncalled	0.4	20	20	N	AIF 243	0.2	
2B	4		SW34, 31S, 11W	0.4			I		0.4	
3A	5	3	Uncalled	0.4	20	30	T	AIF 244	0.4	
3B	6		SE 26, 31S, 11W	0.8			T		0.2	
4A	7	3	Coal Cr	0.4	20	30	N	AIF 245	0.2	
4B	8		SE 26, 31S, 11W	0.8			T		0.2	
5A	9	3	Uncalled,	0.4	20	30	T	AIF 246	0.2	
5B	10		NE 35, 31S, 11W	0.8			N		1.0 SK	0.2
6A	11	3	Uncalled,	0.4	20	10	N	AIF 247	0.2	
B	12		NE 3, 32S, 11W	04			N		0.2	
7A	13	2	Elk Cr.	0.4	20	20	N	AIF 248	0.4	0.1
B	14		NW 15, 32S, 11 W	0.4			N		0.2	
8A	15	3	Wooden Rock Cr. Trib	0.4	20	10	N	AIF 249	0.4	0.1
B	16		C 29, 31S, 10W	0.4			N		0.2	
9A	17	4.	Woolen Rock Cr	04	20	7	N	AIF 250	0.6	0.1
B	18		C 29, 31S, 10 W	0.4			N		0.5	0.1
10A	19	5	Woolen Rock Cr,	0.4	20	7	N	AIF 251	1.0	0.2
B	20		SE 31, 31S, 10W	0.4			N		0.2	
11A	21	2	Uncalled,	0.4	20	7	N	AIF 252	0.2	
B	22		SE 31, 31S, 10W	04			T		0.5	
12A	23	2	Uncalled,	0.4	20	30	T	AIF 253	0.5	0.1
B	24		EC 1, 32S, 11W	0.4			I		0.0	
13A	25	3	Elk Horn Cr.	0.4	20	20	T	AIF 254	0.2	
B	26		NW 13, 32S, 11 W	04			N		0.2	
14A	27	2	Barker Creek	0.4	20	30	N	AIF 255	0.5	0.1
B	28		SE 23, 32S, 11 W	0.4			N		0.5	
15A	29	3	Buck Cr.	0.4	20	20	I	50 AIF 256	0.5	0.1
B	30		SE 23, 32S, 11W	0.4			N		0.5	
16A	31	2	Uncalled	1.5	75	70	I	50 AIF 257	0.2	
B	32		SE 17, 32S, 10W	0.8			I		0.5	
17A	33	4	Foggy Cr.	1.5	75	70	I	50 AIF 258	0.2	
B	34		SW 16, 32S, 10W	0.8			T		0.5	
18A	35	5	Foggy Creek	0.8	40	50	I	50 AIF 259	0.25	
B	36		SW 8, 32S, 10W	0.8			T		025	
	37									
	38		Hyatt Reservoir 17A	2.0			I			
	39									
	40									
			STANDARD	.8						

BURROUGHS CORPORATION TODD COMPANY DIV. 1554

BONE Mountain 1965

TF 2/66

		wide		(1) Cu		V	(2) Zn	Ag	Au	(3) Mo		Hg	
				%	PPM	PPM	%	PPM	PPM	PPM		PPM	PPM
19	A	3	CLEAR Creek	.8	40	30	2			100	A1F 260	025	
	B		SE 7, 32S, 10W	.8			1					025	
20	A	slough	South Fk. Coquille Riv.	.8	40	30	1			50	A1F 261	000	
	B		NE 8, 32S, 10W	.8			1					025	
21	A	2	Fuller Creek	.8	40	30	tr				A1F 262	025	
	B		NC 10, 32S, 10W	1.5			tr					000	
22	A	3	Uncalled	1.0	50	50	tr				A1F 263	025	
	B		NC 10, 32S, 10W	1.5			1					050	
23	A	5	Bolivar Creek	.6	300	200	2			100	A1F 264	025	
	B		NW 11, 32S, 10W	.2			tr					050	
24	M	5	Panther Cr, NW 27, 31S, 9W	1.5	75	70	tr				A1F 265	050	0.1
25	M	6	Gold Mt. Cr. SW 21, 31S, 9W	1.5	75	70	tr				A1F 266	025	
26	M	3	Walker Cr. SE 33, 31S, 9W	2	100	70	1		200		A1F 267	025	
27	M	4	Wallace Cr. SE 33, 31S, 9W	1.5	75	70	1				A1F 268	025	
28	M	4	Slide Cr. NW 32, 31S, 9W	1.0	50	70	tr				A1F 269	025	
29	M	8	STANLEY Cr. SW 19, 31S, 9W	1.0	50	50	tr				A1F 270	025	
30	M	4	Uncalled, NE 25, 31S, 9W	.4	20	30	tr				A1F 271	025	
31	M	4	Grant Cr. SE 25, 31S, 9W	.4	20	50	tr				A1F 272	025	
32	M	4	Uncalled, SE 25, 31S, 9W	.8	40	70	tr				A1F 273	025	
33	M	4	Uncalled, SE 25, 31S, 9W	3	150	100	1			50	A1F 274	025	
34	M	6	Woolen Rock Cr. NE 12, 32S, 11W	.4	20	30	tr				A1F 275	000	
35	M	3	Uncalled, SE 18, 30S, 10W	.4	20	50	n				A1F 276	050	0.1
36	M		Uncalled, SE 19, 30S, 10W	.4	20	30	n				A1F 277	025	
37	M		Uncalled, NE 30, 30S, 10W	.4	20	30	n				A1F 278	025	
38	M	8	Rock Creek, NE 30, 30S, 10W	.4	20	10	n				A1F 279	025	
39	M		Uncalled, SW 30, 30S, 10W	.4	20	20	n				A1F 280 T	100s	0.2
40	M	2	Uncalled, NC 6, 31S, 10W	.4	20	30	n				A1F 281	025	
41	M	2	Uncalled, SE 6, 31S, 10W	.4	20	30	n				A1F 282	025	
42	M	2	Woolen Rock Cr. SE 5, 31S, 10W	.4	20	20	n				A1F 283	025	
43	M	6	Uncalled, NE 14, 30S, 10W	.8	40	30	n				A1F 284	025	
44	M		Panther Cr. NW 18, 30S, 9W	.8	40	50	n				A1F 285	050	0.1
45	M		Slater Cr., NE 18, 30S, 9W	.8	40	30	n				A1F 286	025	
46	M		Uncalled, NE 16, 30S, 9W	.4	20	30	n				A1F 287	025	
47	M		Bear Cr. SE 9, 30S, 9W	.8	40	70	tr				A1F 288	050	0.1
48	M	2	Uncalled, NE 20, 32S, 9W	1.5	75	50	1			50	A1F 289	050	0.1
49	M	4	Uncalled, SE 23, 32S, 9W	1.5	75	100	1		200	50	A1F 290	075	0.15
			Langlois 11 M	0.4			tr						
			STANDARD Cu	0.8									

Bone Mountain 1966

Initials | Date
Prepared By
Approved By

		(1) Cu SPEC PPM	MR		(2) Zn PPM %	MR	(3) Mo		(4) Ag
51	Cole Cr. NW35, 30S, 11W	30	35	25	n	n	AIF291	n	n
52	UC NW35, 30S, 11W	50	25	15	↓	n	AIF292	n	n
53	Raster Cr., SW14, 30S, 11W	30	15	10		n	AIF293	n	n
54	Rock Cr. EC14, 30S, 11W	30	30	20		n	AIF294	n	n
55	UC E½ 14, 30S, 11W	30	10	5		n	AIF295	n	n
6									
7	Cu Standard			23					
8	G1/10			68		200/170			
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BURROUGHS CORPORATION TODD COMPANY DIV. - L Form H554

BUTTE FALLS 1965

Initials Date
Prepared By TF 3/66
Approved By

			(1) Cu		(2) Zn		(3) Mo	(4) Hg	
			Wide	Soil Anom.	Wide	Soil Anom.	ppm	ppm	ppm
1	1	Box Cr. NC33, 34S, 2E	1.0	100 50	1	50	AIF296	025	tr
2	2	Box Cr, C27, 34S, 2E	1.0	100 50	N		AIF297	[illegible]	0.1
3	3	UC, C27, 34S, 2E	1.0	50 50	N		AIF298	050	0.1
4	4	Bowen Cr, SC18, 35S, 3E	1.0	100 50	N		AIF299	[illegible]	[illegible]
5	5	Bowen Cr, NE19, 35S, 3E	1.0	70 50	N		AIF300	050	[illegible]
6	6	UC, SW19, 35S, 3E	0.4	20 20	N		AIF301		0.7
7	7	UC, SW19, 35S, 3E	0.8	50 40	N		AIF302		0.25
8	8	Doubleday Cr. SW12, 35S, 2E	0.8	100 40	N		AIF303	050	0.1
9	9	Ginger Cr. NW14, 35S, 2E	1.0	100 50	N		AIF304	075	0.15
10	10	North Fk. Big Butte, C16, 35S, 3E	0.8	70 40	T		AIF305	050	0.1
11	11	Eighty Acre Cr. NE31, 34S, 3E	.8	70 40	N		AIF306	025	tr
12	12	UC, NE24, 34S, 2E	.8	70 40	N		AIF307 T	050	0.1
13	13	Eighty Acre Cr. NE24, 34S, 2E	.8	100 40	N		AIF308 T	025	tr
14	14	UC, NE25, 34S, 2E	.8	50 40	T		AIF309	050	0.1
15	15	UC, SE24, 34S, 2E	.8	50 40	T		AIF310		0.15
16	16	Dog Cr. SC14, 34S, 2E	.8	70 40	T		AIF311	075	0.15
17	17	UC, SW12, 34S, 2E	.8	70 40	T		AIF312		0.1
18	18	UC, NE11, 34S, 2E	.8	100 40	1	50	AIF313	[illegible]	0.1
19	19	Clark Cr, SE2, 34S, 2E	.8	100 40	1	50	AIF314 N		0.2
20	20	Clark Cr, NE9, 34S, 2E	.8/.8	70 40	3/tr	tr	AIF315	050	0.1
21	21	South Fk. Clark, NE9, 34S, 2E	.8	70 40	1	50	AIF316	025	tr
22	22	UC, NC9, 34S, 2E	.8	70 40	1	50	AIF317	025	tr
23	23	Gray Cr. SW17, 34S, 2E	.8	50 40	N		AIF318	025	tr
24	24	Dog Cr. C20, 34S, 2E	.8	70 40	T		AIF319	075	0.15
25	25	Huckkill Cr. SW1C, 35S, 2E	1.5	50 75	T		AIF320	050	0.1
26	26	UC, C8, 35S, 2E	.8	50 40	1	50	AIF321	025	tr
27	27	McNeil Cr, C8, 35S, 2E	.8	70 40	1	50	AIF322	050	0.1
28	28	UC, SW7, 35S, 2E	.4	30 20	N		AIF323		tr
29	29	UC, SW7, 35S, 2E	.8	50 40	1	200 50	AIF324 T	050	0.1
30	30	UC, SW7, 35S, 2E	2.0	50 100	1	50	AIF325	075	0.2
31	31	UC, SW7, 35S, 2E	1.5	70 75	1	50	AIF326 3	100	0.2
32	32	UC, NW6, 35S, 2E	.8	50 40	T		AIF327	050	0.1
33	33	McNeil Cr. NW6, 35S, 2E	.8	50 40	T		AIF328	050	0.1
34	34	McNeil Cr. WC26, 35S, 1E	.5	50 40	T		AIF329	100	0.2
35	35	UC, NW35, 34S, 1E	0.4	50 20	T		AIF330	[illegible]	0.1
36	36	UC, NW35, 34S, 1E	0.4	50 20	T		AIF331	100	0.2
37	37	UC, NW27, 34S, 1E	1.5	70 75	1	50	AIF332	050	0.1
38	38	UC, C16, 34S, 1E	3.0/1.5	100 75/100	T	200	AIF333 N	[illegible]	tr
39	39	Crowsfoot Cr. SC16, 34S, 1E	3.0	100 75/100	1	50	AIF334	025	tr
40	40	UC, SC16, 34S, 1E	0.8	50 40	T		AIF335	025	tr
		Cu Standard	1.5	50 75	T				

BUTTE FALLS 1965

Prepared By: JF Date: 3/66
Approved By:

					(1) Cu	Semi-Q	(2) Zn	Semi-Q	(3) Mo	PPm	(4) Hg	PPM
41	1	UC, NW15, 34S, 1E			2.0	50 100	T		*AIF 336	t	-	t
42	2	UC, SW10, 34S, 1E			2.0	70 100	1	50	*AIF 337		025	t
43	3	UC, NE15, 34S, 1E		60	2.0	70 150	1	50	*AIF 338		050	0.1
44	4	Vine Gr, C11, 34S, 1E			1.0	50 50	N		*AIF 339		150	0.3
45	5	UC, NE10, 34S, 1E			1.5	70 75	2	100	*AIF 340		075	0.15
46	6	UC, SE26, 33S, 1E			2.0	50 100	1	50	AIF 341		075	0.15
47	7	UC, SW25, 33S, 1E			1.5	50 75	T		AIF 342		100	0.2
48	8	UC, SE30, 33S, 2E			2.0	50 100	T	200	AIF 343		1.25	0.2
49	9	Lost Gr, SW32, 33S, 2E			1.5	50 75	1	50	AIF 344		050	0.1
50	10	UC, SW32, 33S, 2E			1.5	50 75	T		AIF 345		050	0.1
51	11	Floras Gr, NW29, 33S, 2E		40	3.0	70 150	T		AIF 346			t
52	12	UC, NW29, 33S, 2E			1.5	70 75	1	50	AIF 347		050	0.1
53	13	Taggants C20, 33S, 2E		45	3.+	70 150	1	50	AIF 348			t
54	14	UC, SW16, 33S, 2E			.8	30 40	N		AIF 349		050	0.1
55	15	UC, NE4, 34S, 1E			.6	20 30	1	50	AIF 350		075	0.15
56	16	Neil Gr., NW26, 34S, 1E			.8	30 40	T		AIF 351		075	0.15
57	17	Reese Gr. SW5, 35S, 1E			1.0	50 50	1	50	AIF 352		5[illegible]	* 1.0
58	18	Bull Run, NW8, 35S, 1E			.8	70 40	T		AIF 353		150	0.3
59	19	N Fk Reese. NE6, 35S, 1E			1.0	70 50	T		AIF 354		[illegible]	0.4
60	20	Berry Gr. C30, 33S, 1E			.8	50 40	1	200 50	AIF 355		050	0.1
61	21	UC, SE19, 33S, 1E			.8	50 40	T		AIF 356		075	0.15
62	22	UC, NE20, 33S, 1E			.8	70 40	T		AIF 357		075	0.15
63	23	West Branch SW17, 33S, 1E			.8	30 40	1	50	AIF 358		125	0.2
64	24	UC, SW7, 33S, 1E			.6	50 30	N		AIF 359		100	0.2
65	25	UC, SW7, 33S, 1E			.8	50 40	T		AIF 360		050	0.1
66	26	UC, SW7, 33S, 1E			.8	50 40	T	th	AIF 361		075	0.15
67	27	UC, SE8, 33S, 1E			1.0	70 50	T		AIF 362		050	0.1
68	28	Alco Gr NW4, 33S, 1E			.6	30 30	N		AIF 363		075	0.15
69	29	UC, NW4, 33S, 1E			.8	30 40	T		AIF 364		125	0.2
70	30	Middle Gr, C33, 32S, 1E			.8	50 40	1		AIF 365		075	0.15
71	31	* Rustler Peak, SE3, 34S, 3E			1.5		N				075	
71	32	UC, NW32, 33S, 1E			1.0	50 50	1		AIF 366		075	0.15
72	33	UC, NW34, 33S, 1E			.8	70 40	T		AIF 367		[illegible]	0.1
73	34	UC, SW27, 33S, 1E			1.0	70 50	3	200 150	AIF 368		050	0.1
74	35	sd UC, SW26, 33S, 1E		AD	3.0	100 150	1	50	AIF 369			n
75	36	UC, NW26, 33S, 1E			1.5	100 75	1	th 50	AIF 370		050	0.1
76	37	UC2 SE23, 33S, 1E			.8	50 40	1	50	AIF 371		050	0.1
77	38	UC, NW12, 33S, 1E			.6	30 30	1	50	AIF 372		050	0.1
	39											
	40	Oregon Rocks 79			2.0		1					
		standard			1.12							

BUTTE FALLS 1965

Initials TF Date 3/66
Approved By

			(1) Cu PPM		(2) Zn			(3) Mo	(4) Hg PPM
78	1	UC, SW1, 33S, 1E	.4	30 20	1			AIF 373	025	
79	2	Lost Cr. SW1, 33S, 1E	.6	20 30	1			AIF 374	075	0.15
80	3	Lost Cr, NE23, 33S, 1E	.8	70 40	1			AIF 375	050	0.1
81	4	UC, NW24, 33S, 1E	.6	30 30	1			AIF 376	025	
82	5	UC, NE 24, 33S, 1E	.6	20 20	1			AIF 377	025	
83	6	UC, NW 19, 33S, 2E	.4	50 20	T			AIF 378	050	0.1
84	7	UC, SW 17, 33S, 2E	.4	50 20	T			AIF 379	075	0.15
85	8	Cascade Gorge, SC9, 33S, 2E	.4	50 20	T			AIF 380	050	0.1
86	9	Skookum Cr, NE11, 33S, 2E	.4	50 20	T			AIF 381	050	0.1
87	10	UC, SE29, 33S, 2E	1.5	70 75	T			AIF 382	075	0.15
88	11	UC, SE29, 33S, 2E	1.5	50 75	1			AIF 383	075	0.15
89	12	Floras Cr. SW28, 33S, 2E	1.5 35	50 75	1			AIF 384	2.0/1.5	0.4
90	13	N Fk. Floras, NW28, 33S, 2E	1.5 40	70 75	1			AIF 385	4.5/5.0	1.0
91	14	Taggarts, SW22, 33S, 2E	1.5 50	70 75	1	200		AIF 386	1.5/1.5	0.3
92	15	Red Rock Canyon NW23, 33S, 2E	1.5	100 75	1	tr		AIF 387	1.50	0.3
93	16	UC, W22, 33S, 2E	1.5	70 75	T			AIF 388	1.25	0.2
94	17	UC, EC15, 33S, 2E	.8	50 40	T			AIF 389	075	0.15
95	18	UC, SE14, 33S, 2E	1.5	50 75	1			AIF 390	075	0.15
96	19	UC, SW14, 33S, 2E	.8	50 40	T			AIF 391	150	0.3
97	20	Smith Cr. WC18, 33S, 3E	1.5	50 75	T			AIF 392	075	0.15
98	21	UC, NE18, 33S, 3E	1.5	100 75	T			AIF 393	050	0.1
	22									
	23	Butte Falls 20	.8		T					
	24	Butte Falls 38	1.5		2					
	25									
	26									
	27									
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	37									
	38									
	39									
	40	Oregon Cache 76	3		1					
		Cu Standard	1.0							

CANYONVILLE 1965

TF 2/66

	wide		(1) Cu	Spectrographic analysis		(2) Zn	Spectrographic analysis		(3) Mo		(4) Hg	
					ppm			ppm		ppm		ppm
1	1	No name, NE33, 30S, 5W	1.5	50	75	tr			N	AIF 394	0.50	0.1
2	2	Alder Cr. NE33, 30S, 5W	1.5	50	75	tr			N	AIF 395	0 50	0.1
3	3	Jordan Cr. NE32, 30S, 5W	.8	70	40	n	tr		N	AIF 396	025	
4	4	Uncalled, SW6, 31S, 5W	.6	30	30	n			N	AIF 397	025	
5	5	Uncalled, SW6, 31S, 5W	1.5	50	75	n			N	AIF 398	050	0.1
6	6	Mitchell, NW63, 30S, 5W	1.0	30	50	l-		50	N	AIF 399	050	0.1
7	7	Shoestring Cr. NW36, 30S, 6W	.4	20	20	n			N	AIF 400	025	
8	8	Lane Cr. NE15, 30S, 6W	.8	50	40	n			N	AIF 401	025	
9	9	Jucld Cr. SW12, 30S, 6W	1.0	50	50	n			N	AIF 402	025	
10	10	Jerry Cr. NE48, 30S, 6W	.8	30	40	n			N	AIF 403	025	
11	11	Uncalled, NW48, 30S, 6W	1.0	50	50	l			N	AIF 404	025	
12	12	Russell Cr. NW41, 30S, 6W	.8	30	40	n			N	AIF 405	025	
13	13	Catching Cr. S40, 30S, 6W	.8	30	40	n			N	AIF 406	025	
14	14	Council Cr. NW33, 30S, 6W	.8	30	40	n			N	AIF 407	050	0.1
15	15	Council Cr. NE5, 31S, 6W	.8	30	40	n			N	AIF 408	050	0.1
16	16	Uncalled, N49, 30S, 6W	.8	30	40	n			N	AIF 409	075	0.15
17	17	Rail Gulch, E39, 30S, 6W	.8	50	40	n			N	AIF 410	050	0.1
	18	Crawford Br. W39, 30S, 6W	.8	30	40	tr			N	AIF 411	025	
19	19	Russell Cr. NW2, 31S, 6W	.8	30	40	n			N	AIF 412	075	0.15
20	20	Mitchell Cr. SW31, 30S, 5W	1.5	70	40	n			N	AIF 413	025	
21	21	Uncalled, NE31, 30S, 5W	.8	50	40	n			N	AIF 414	025	
22	22	Squaw Cr. SE31, 30S, 6W	.4	30	20	n			N	AIF 415	025	
23	23	Beatty Cr. SC.31, 30S, 6W	.8	30	40	n	200		N	AIF 416	025	
24	24	Rattlesnake Cr. NW6, 31S, 6W	.8	30	40	n			N	AIF 417	025	
25	25	Island Cr. NW1, 31S, 7W	.8	30	40	n			N	AIF 418	050	0.1
26	26	Salt Cr. NE35, 30S, 7W	.8	30	40	n			N	AIF 419	025	
27	27	Uncalled, SE14, 30S, 7W	.4	50	20	n			N	AIF 420	050	0.1
28	28	Uncalled, NW14, 30S, 7W	.8	50	40	n			N	AIF 421	025	
29	29	Uncalled, NE13, 30S, 7W	1.0	30	50	n			N	AIF 422	025	
30	30	Uncalled, NE13, 30S, 7W	1.5	30	75	n			N	AIF 423	025	
31	31	Middle Cr. NE35, 31S, 7W	1.5	50	75	2	200	100	N	AIF 424	075	0.15
32	32	Martin Cr. NE35, 31S, 7W	.4	30	20	n			N	AIF 425	025	
33	33	Smith Cr., SW25, 31S 7W	1.5	100	75	n			N	AIF 426	025	
34	34	Peavine Cr. SE25, 31S, 7W	1.5	50	75	l	tr		N	AIF 427	2 / 3.5	0.2
35	35	Martin Cr. SE1, 32S, 7W	1.0	30	50	n			N	AIF 428	025	
36	36	Uncalled, SE1, 32S, 7W	1.0	30	50	n			N	AIF 429	025	
	37											
	38											
	39	Cape Ferrelo #23 A+B	1.0			n			N			
	40											
		Copper Standard	1.0									

CANYONVILLE 1965

Initials Date
Prepared By TF 2/66
Approved By Dave 7/12/66

		wide		(1) Cu ppm		(2) Zn ppm		(3) Mo ppm	(4) Hg ppm
37	1		Peavine Cr. SW31, 31S, 6W	0.8	50 40	1		n AIF430	075 0.15
38	2		Gravel Cr. SW30, 31S, 6W	0.4	20 20	1		n AIF431	025
39	3		Panther Cr. SE30, 31S, 6W	0.8	30 40	n		n AIF432	050 0.1
40	4		Uncalled, SW30, 31S, 6W	0.8	30 40	n		n AIF433	050 0.1
41	5		Brush Cr. NE29, 31S, 6W	0.4	30 20	n		n AIF434	025
42	6		Middle Cr. NE29, 31S, 6W	+6	300 300	4/4	700 200	n AIF435	075 0.15
43	7		S. Fk. Middle Cr. SE29, 31S, 6W	1.5	100 75	1		n AIF436	025
44	8		Uncalled, NW35, 31S, 6W	0.8	50 40	1		n AIF437	025
45	9		Uncalled, NW35, 31S, 6W	0.8	70 40	1		n AIF438	025
46	10		Uncalled, SE34, 31S, 6W	0.8	50 40	1		n AIF439	050 0.1
47	11		S. Fk. Middle Cr. NE33, 31S, 6W	0.8	30 40	1		n AIF440	025
48	12		Uncalled, NW33, 31S, 6W	0.8	50 40	n		n AIF441	025
49	13		Uncalled, SE21, 31S, 6W	0.8	50 40	n	80	n AIF442	075 0.15
50	14								
51	15								
52	16		Uncalled, NW16, 31S, 5W	0.8	30 40	1		n AIF443	025
53	17		Uncalled, NW16, 31S, 5W	1.0	50 50	1		n AIF444	075 0.15
54	18		Uncalled, SE9, 31S, 5W	0.8	50 40	1		n AIF445	025
55	19		Uncalled, SE9, 31S, 5W	0.8	70 40	n		n AIF446	025
56	20		Uncalled, NC10, 31S, 5W	0.8	30 40	n		n AIF447	050 0.1
57	21		Uncalled, SE10, 31S, 5W	0.8	70 40	n		n AIF448	025
58	22		W Fk. Canyon Cr. SW10, 31S, 5W	1.5	70 75	1		n AIF449	1.25 0.2
59	23		Uncalled, NE15, 31S, 5W	1.5	150 75	n		n AIF450	025
60	24		Uncalled, SE15, 31S, 5W	1.0	50 50	n		n AIF451	050 0.1
61	25		Uncalled. South Side, NE22, 31S, 5W	1.5	50 75	n		n AIF452	025
62	26		Uncalled, NE22, 31S, 5W	0.8	30 40	n		n AIF453	025
63	27		Uncalled, SE21, 31S, 5W	1.5	70 75	n		n AIF454	025
64	28		Uncalled, NE28, 31S, 5W	0.8	70 40	n		n AIF455	050 0.1
65	29		Uncalled, NE28, 31S, 5W	0.8	30 40	n		n AIF456	075 0.15
66	30		Uncalled, SE21, 31S, 5W	0.8	30 40	n		n AIF457	025
67	31		Uncalled, SE21, 31S, 5W	1.5	100 75	n		n AIF458	050 0.1
68	32		Uncalled, SE20, 31S, 5W	0.8	50 40	n		n AIF459	050 0.1
69	33		W. Fk. Canyon. SE20, 31S, 5W	0.8	70 40	n		n AIF460	075 0.15
70	34		Uncalled, SW20, 31S, 5W	0.8	50 40	n		n AIF461	050 0.1
71	35		Uncalled, NE19, 31S, 5W	1.5	100 75	n		n AIF462	075 0.15
72	36		St John Cr. NE19, 31S, 5W	1.5	50 75	n		1 AIF463	025
	37								
	38		~~Canyonville #~~						
	39		Pearsoll Pk. #EM	3		n		n	
	40								
			Standard	0.8					

CANYONVILLE 1965

Prepared By: TF 2/66
Approved By:

		wide		(1) Cu ppm			(2) Zn ppm			(3) Mo ppm		(4) Hg ppm	
73	1		Uncalled, NE19, 31S, 5W	1.5	50	75	T			N	A1F464	050	0.1
74	2		Uncalled, SE24, 31S, 6W	1.5	70	75	N			N	A1F465	025	
75	3		Uncalled, SE24, 31S, 6W	.8	50	40	1	200	50	N	A1F466	025	
76	4		W. Fk. Canyon Cr. NW30, 31S, 5W	.8	70	40	N			N	A1F467	125	0.2
77	5		Uncalled, NW30, 31S, 5W	.8	30	40	N			N	A1F468	050	0.1
78	6		Uncalled, NE6, 32S, 5W	.8	50	40	N			N	A1F469	050	0.1
79	7		Uncalled NE6, 32S, 5W	1.5	70	75	T	tr		N	A1F470	050	0.1
80	8		Uncalled, SE6, 32S, 5W	.8	50	40	N			N	A1F471	050	0.1
81	9		Uncalled, NC 7, 32S, 5W	.8	30	40	N			N	A1F472	025	
82	10		Uncalled, SC 7, 32S, 5W	.8	30	40	N			N	A1F473	025	
83	11		Uncalled, NW18, 32S, 5W	1.0	50	50	T			N	A1F474	025	
84	12		Windy Cr. NW18, 32S, 5W	.8	70	40	T			N	A1F475	025	
85	13		Bear Cr. SE14, 32S, 6W	.8	30	40	T			N	A1F476	125	0.2
86	14		Lawson Cr. SE14, 32S, 6W	.8	30	40	N			N	A1F477	050	0.1
87	15		Uncalled, NE 6, 32S, 5W	1.5	50	75	T	tr		N	A1F478	025	
88	16		Uncalled, SW 32, 31S, 5W	3.0	70	150	2	200	100	N	A1F479	050	0.1
89	17		Bear+Lawson, NE23, 32S, 6W	.8	20	40	N			N	A1F480	050	0.1
90	18		Wood Cr., SE22, 32S, 6W	.8	30	40	N			N	A1F481	050	0.1
91	19		Wood Cr. SC15, 32S, 6W	.8	50	40	N			N	A1F482	050	0.1
92	20		Uncalled, NE16, 32S, 6W	.8	70	40	T			N	A1F483	125	0.2
93	21		Uncalled, NE16, 32S, 6W	.8	50	40	N			N	A1F484	075	0.1
94	22		Uncalled, NE16, 32S, 6W	.8	30	40	N			N	A1F485	025	
95	23		Uncalled, SW27, 32S, 6W	.8	50	40	N			N	A1F486	025	
96A	24		Jordan Cr, NE28, 30S, 5W	.8	30	40	N			N	A1F487	075	0.1
	25												
	26												
99	27		UC. SW 52, 30S, 5W	.8	20	40	N			N	A1F488		
100	28		UC SW 52, 30S, 5W	.8	30	40	N			N	A1F469		
	29												
	30												
	31												
	32												
	33												
	34												
	35												
	36												
	37		Canyonville #42	6			4			N			
	38		Canyonville #6	1-			1-			N			
	39												
	40												
			Standard	1									

CANYONVILLE 1969

ANALYSIS BY ATOMIC ABSORPTION

results in parts per million

		Cu	Zn	Pb	Ni	Ag	Hg
102	unnamed SE,W2, 35, 5W	52	65	9	25	n	n
	unnamed NE26, 35, 5W	44	65	8	25	n	n

Cape Ferrelo 1965 - 1966

Prepared By TF 2/66
Approved By

		wide		A+B	(1) Cu	Scintrex	ppm	(2) Zn	Scintrex	ppm	(3) Mo	ppm	(4) Hg	ppm
1	A+B	3	Ransom Cr. SW31, 40S, 13W		0.8	30	40	N			AIF 490		0.25	t
2	A+B	4	Harris Cr. NE 36, 40S, 14W		0.8	50	40	N			AIF 491		0.25	t
3	A+B	6'	Shy Cr. SW25, 40S, 14W		1.5	50	75	N			AIF 492		0.25	t
4	A+B	6	Taylor Cr. NE26, 40S, 14W		1.0	30	50	N			AIF 493		0.25	t
5	A+B	2	Ram Cr. NE22, 40S, 14W		1.5	50	75	N	200		AIF 494		0.25	t
6	A+B	4	Duley Cr. NW 23, 40S, 14W		0.8	30	40	N			AIF 495		0.25	t
7	A+B	4	Lone Ranch. NW 23, 40S, 14W		0.8	30	40	N			AIF 496		0.5	0.1
8	A+B	3	Horse Rock Cr. C15, 40S, 14W		0.8	30	40	N			AIF 497		0.5	0.1
9	A+B	2	Uncalled C10, 40S, 14W		0.8	20	40	N			AIF 498		0.25	t
10	A+B	2	Uncalled NE10, 40S, 14W		0.8	30	40	N			AIF 499		0.50	t
11	A+B	3	Bowman Cr. SW 3, 40S, 14W		0.8	50	40	N			AIF 500		0.25	t
12	A+B	1	Coon Cr. C3, 40S, 14W		0.8	20	40	N			AIF 501		0.25	t
13	A+B	6	Uncalled, NE3, 40S, 14W		1.0	50	50	N			AIF 502		0.25	t
14	A+B	6'	Whalehead Cr., NE3, 40S, 14W		1.5	30	75	1		50	AIF 503		0.25	t
15	A+B	10	Thomas Cr. SW 27, 39S, 14W		1.5	30	75	N			AIF 504		0.25	t
16	A+B	1'	China Cr. NW 27, 39S, 14W		1.5	50	75	N			AIF 505		0.25	t
17	A+B	1	Spruce Cr. SE 21, 39S, 14W		2.0	30	100	N	80		AIF 506		0.25	t
18	A+B	2	Horse Prairie Cr. EC21, 39S, 14W		1.5	50	75	N			AIF 507		0.25	t
19	A+B	2	Miner Gulch, SE16, 39S, 14W		1.5	50	75	N			AIF 508		0.25	t
20	A+B	6	Houstenacker Cr, SW9, 39S, 14W		1.5	50	75	N			AIF 509		0.25	t
21	A+B	6	Burnt Hill Cr, NW 5, 39S, 14W		1.5	50	75	1		50	AIF 510		0.25	t
22	A+B	3	Ferry Cr. SE 32, 40S, 13W		1.5	50	75	N			AIF 511		0.25	t
23	A+B	6	Joe Hall Cr. NW 33, 40S, 13W		1.5 MB	30	75	N			AIF 512		0.50	0.1
24		1'	UC SE24, 39S. 14W		35	30	50	210		90	AIF 513			t
		2'	N. Fk Chetco, SE 24, 39S, 14W		45	30	65	210		90	AIF 514		±	
			S.W. Trib N.Fk. Chetco, NW30, 39S, 13W		40	30	60	185		85	AIF 515		t	
		3'	UC NE NE30, 39S, 13W		50	30	70	210		90	AIF 516		0.5	0.1
		8'	N Trib, N. Fk Chetco NW 29, 39S, 13W		50	30	70	220		95	AIF 517		0	
			UC UW32, 39S, 13W		40	50	60	210		90	AIF 518		t	
			UC E Trib, N.Fk N½ 32, 39S, 13W		45	30	65	190		85	AIF 519		±	
			UC E. Trib N Fk C5, 40S, 13W		45	30	65	230		100	AIF 520		t	
			UC. W. Trib N. Fk. SW9, 40S, 13W		35	50	50	210		90	AIF 521		0	
			Bravo Cr. SW9, 40S. 13W		30	50	40	220		95	AIF 522		T	
			Mayfield Cr. SW16, 40S, 13W		45	30	65	320		140	AIF 523		0	
			Cu/Zn Standard		70			230						
			Quartzville 7		1.5			1					0.25	
			Port Orford 10M		1.5			N						
			Port Orford 39M		3			N						
			Copper Standard		1.0									

CADE FERRELO 1967

Initials	Date
Prepared By	
Approved By	

				(1) Cu MR	V	PPM	(2) Zn Mk = PPM		(3) Mo	(4) Hg
35		Bull Gl.	SE36, 38S, 14W	16	20	25	90			n
36	1'	MC	NW31, 38S, 13W	48	100	70	120	tr		n
37	8'	Scott Cr.	NW6, 39S, 13W	65	100	90	150	tr		t
38	4'	E. Trib. So. Fk Pistol	NW6, 39S, 13W	45	20	70	100			n
39	1'	W. Trib So. Fk Pistol	SE36, 38S, 14W	35	30	50	80			n
40	3'	So. Trib So. Fk Pistol	NW9, 39S, 13W	40	30	55	120			n
41	3'	Farmer Cr.	SE6, 39S, 13W	45	50	60	170			n
42		No. Trib So. Fk Pistol	SE6, 39S, 13W	42	50	60	50	tr		t
43	15'	So. Fk Pistol	SE6, 39S, 13W	35	20	45	110		MH	n
		Cu Standard	50 ppm	40						
		Zn Standard	140 ppm				140			

BURROUGHS CORPORATION
TODD COMPANY DIV. — L
Form H554

CAVE JUNCTION QUAD

4/21

MCM No. B1515—T2

	Location Stream	Sect - Twn - Rng	Cu (semi-quant spec)	Cu (Connelly 5/13/82 c.v. ppm AA Cu)	Zn (semi-quant spec)	Zn AA	Zn ppm	Ag (semi-quant spec)	Mo ppm	Hg ppm	
1	U.C.	NW32-38S-7W	50		1		50	AIF S24 n	5 0.1	0.50	1
2	Mc Mullin Cr.	SE31-38S-7W	30		1		50	AIF S25 n	0.1 Smoke	0.50	2
3	U.C.	E½31-38S-7W	30		1		50	AIF S26 n	0.15	0.75	3
4	U.C.	NW5-39S-7W	50		1		50	AIF S27 n	0.1	0.50	4
5	UC	NW5-39S-7W	70		1		50	AIF S28 n	0.1	0.50	5
6	U.C.	NE28 38S-7W	70		n			AIF S29 n	t	0.25	6
7	UC.	SW27-38S-7W	50		n			AIF S30 n	0.1	0.50	7
8	UC	NW34-38S-7W	70		1		50	AIF S31 n	0.15	0.75	8
9	Thompson Cr.	W½34-38S-7W	50		1		50	AIF S32 n	t	0.25	9
10	Reeves Cr.	SW35-38S-8W	30		n			AIF S33 n	t	0.25	10
11	UC	SW35-38S-8W	50		n			AIF S34 n	0.1	0.50	11
12	Reeves Cr.	N½34-38S-8W	50		2		100	AIF S35 n	0.15	0.75	12
13	Fred Easy Cr.	SE5-39S-8W	20		4		200	AIF S36 n	t	0.25	13
14	U.C.	N½8-39S-8W	35		1		50	AIF S37 n	0.2	1.25	14
15	Holton Cr.	NE9-39S-8W	50		1		50	AIF S38 n	0.2	1.0	15
16	George Cr.	NE16-39S-8W	30		n			AIF S39 n	0.1	0.50	16
17	E.fk. Chapman Cr.	SE24-39S-8W	30		2	300	100	AIF S40 n	0.1	0.50	17
18	Chapman Cr.	SW23-39S-8W	30		4	300	200	AIF S41 n	0.1	0.50	18
19	Tyler Cr.	C of 19-39S-7W	70		1		50	AIF S42 n	0.15	0.75	19
20	Bear Cr.	SW21-39S-7W	100		t			AIF S43 n	0.1	0.50	20
21	Cove Cr.	W½22-39S-7W	70	10/100	n			AIF S44 n	0.1	0.50	21
22	tr Kelly	S½20-39S-7W	70	10/100	1		50	AIF S45 n	0.1	0.50	22
23	UC	SW28-38S-8W	30		n			AIF S46 n	0.1	0.50	23
24	UC	NW29-38S-8W	20		1	tr	50	AIF S47 n	0.1	0.25	24
25	UC	N½30-38S-8W	30		1		50	AIF S48 n	0.4 1.0/2.0		25
26	UC	NW30-38S-8W	30		4		200	AIF S49 n	0.15	0.75	26
27	UC	W½30-38S-8W	30		3		150	AIF S50 n	0.1	0.50	27
28	UC	W½30-38S-8W	50		64 3/3	8	150	AIF S51 n	t	0.25	28
29	Days Gl.	N½36-38S-9W	30		n			AIF S52 n	0.1	0.50	29
30	U.C	SE22-39S-8W	70		n	tr		AIF S53 n	t	0.25	30
31	Sucker Cr.	SE35-39S-8W	70		n			AIF S54 n	t	0.25	31
32	Democrat Gl.	SE4-40S-7W	70		n			AIF S55 n	t	0.25	32
33	Tarter Gl.	NE9-40S-7W	70		n			AIF S56 n	t	0.25	33
34	Blind Sam Gl.	NW15-40S-7W	150	X0 100	1		50	AIF S57 n	0.3	1.5	34
35	Walker Gl.	W½15-40S-7W	70		n			AIF S58 8	0.15	0.75	35
36	No. 7 Gulch	SW15-40S-7W	70		n			AIF S59 n	0.1	0.50	

Cave Junction reruns

MCM No. B1515-12

			Cu	Zn		Molybdenum	
			MR	PPM	MR	PPM	MR
35	#49	Page creek ?	81	137	10		<10
36	#50	Page Creek ?	58	98	90		<10
37	51	Stag Cr.	50	85	90		<10
38	58	Little Pole Cr.	21	53	90		<10
39		below dump in Glendale Quad					<10
40		Standard Mo Sample 7 ppm					39
7							
8		note on Zn analysis standard					
9		MR - ppm					
10							
11							
12							
13							
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35							

CAVE JUNCTION QUAD

4 of 4

MCM No. B1515—12

		LOCATION STREAM	Sect-Twn-Rng	Cu ppm									Mg ppm	Hg ppm	
37	1	Number 8 Gl.	Int W½ 22-40S-7W	50	50			2	3		150	AlFeSiOn	0.1	0.50	1
38	2	Althouse Cr.	SW22-40S-7W	100	100			2	1		50	AlFeSiOn	0.1	0.50	2
39	3	UC	Cor 33-40S-7W	50	50			1	1		50	AlFeSiOn	0.4	2.0/2.0	3
40	4	UC	39-40S-7W	30	50			n	n			AlFeSiOn	0.1	0.50	4
41	5	Althouse Cr.	38-40S-7W	70	50			1	1		50	AlFeSiOn	n	n	5
42	6	UC	38-40S-7W	70	100			2	1		50	AlFeSiOn	0.8	2.5/4.0	6
43	7	U.C.	NE2-40S-8W	70	50			2	1	tr	50	AlFeSiOn	0.1	0.50	7
44	8	Little Elder Cr.	43-40S-8W	70	100			1	1		50	AlFeSiOn	0.1	0.50	8
45	9	Elder Cr.	43-40S-8W	50	50			2	1		50	AlFeSiOn	t	0.25	9
46	10	UC	NE26-40S-8W	150	40+250		168	110 2	1		50	AlFeSiOn	0.1	0.50	10
47	11	Elder Cr.	Cor 31-40S-7W	70	100			1	tr			AlFeSiOn	t	0.25	11
48	12	UC	NW31-40S-7W	70	100			n	n			AlFeSiOn	0.2	1.0	12
49	13	UC	SE2-41S-8W	70	20			1	tr			AlFeSiOn	0.2	1.0	13
50	14	Page Cr.	SE2-41S-8W	150	120 100 200			1	tr			AlFeSiOn	0.4	2.0	14
51	15	Skag Cr.	SE3-41S-8W	100	20 85 200		37	25 135 10	10		1000/500	AlFeSiOn	0.1	0.50	15
52	16	Long Gl.	SE10-41S-8W	50	tr			2	1		50	AlFeSiOn	t	0.25	16
53	17	Woodcock Cr.	SE31-39S-8W	20	tr			1	tr			AlFeSiOn	t	0.25	17
54	18	Parker Cr.	39-40S-8W	30	tr			2	n			AlFeSiOn	t	0.25	18
55	19	U.C.	NW14-40S-9W	20	tr			2	tr			AlFeSiOn	0.1	0.50	19
56	20	UC	NE15-40S-9W	30	tr			1	1		50	AlFeSiOn	0.1	0.50	20
57	21	Rough & Ready Cr.	NE15-40S-9W	30	tr			3	2	tr	100	AlFeSiOn	0.1	0.50	21
58	22	Little Rock Cr.	SW26-40S-9W	30	40 50 150			1	1		50	AlFeSiOn	0.15	0.75	22
59	23	Gilligan Cr.	S½2-41S-9W	50	tr			3	tr			AlFeSiOn	0.3	1.0/1.75	23
60	24	Blue Cr.	Cor 11-41S-9W	70	100	100		1	tr			AlFeSiOn	0.2	1.0	24
61	25	Dwight Cr.	N½14-41S-9W	30	100	100		3	1		50	AlFeSiOn	0.1	0.50	25
62	26	Leuzenger Cr.	NW31-40S-8W	50	tr			1	1		50	AlFeSiOn	t	0.25	26
63	27	UC	SW32-40S-8W	30	tr			1	tr			AlFeSiOn	n	0	27
64	28	Wood Cr.	SW32-40S-8W	30	tr			1	tr			AlFeSiOn	t	0.25	28
65	29	Fry Gl.	SW20-40S-8W	30	tr			1	tr	tr		AlFeSiOn	t	0.25	29
	30														30
	31														31
	32														32
	33														33
	34														34
	35														35

Cave Junction Quad 1964

Cu Standard
filter #54
1000 ppm = 750

MCM No. 81515—12

		Location / Stream	Sect-Twn-Rng	MR	Cu ppm	Pb ppm	Ag	Zn ppm	Au	Mo 1 ppm - 52	Hg ppm	Y
66	1	Mulvaney Cr.	C-34-39S-7W	60	50	88	n			<30 AIF [illegible]	t	0.25
67	2	Trib to Josephine Cr.	NW24-39S-9W	37	15	46	n	tr		<30 AIF [illegible]	0	0
68	3	"	SW13-39S-9W	40	20	59	n	tr		<30 AIF [illegible]	0	0
69	4	"	W½12-39S-9W	55	30	80	1	200	80	<30 AIF [illegible]	t	0.25
70	5	Sugar Gl.	SW11-39S-9W	60	30	88	n	tr		<30 AIF [illegible]	t	0.25
71	6	Sebastopol Cr.	SW11-39S-9W	56	30	82	3		150	<30 AIF [illegible]	t	0.25
72	7	Canyon Cr.	SW11-39S-9W	44	100	65	n			<30 AIF [illegible]	t	0.25
73	8	Josephine Cr.	NE11-39S-9W	40	30	59	n			<30 AIF [illegible]	0	0
74	9	Canyon Cr.	NE11-39S-9W	50	60	73	n			<30 AIF [illegible]	t	0.25
75	10	Madison Gl.	lost									
76	11	Lynholm Gl.	NE2-39S-9W	unsewable								
77	12	Fiddler Gl.	NE2-39S-9W	50	70	73	n			<30 AIF [illegible]	0	
78	13	UC	SW36-38S-9W	40	30	59	n	200		<30 AIF [illegible]	0	
79	14	Nogle Gl.	NE36-38S-9W	30	20	44	n	tr		<30 AIF [illegible] 600	0.15	0.75
80	15	E trib Josephine Cr.	NW25-39S-9W	30	20	44	n			<30 AIF [illegible]		0.25
81	16	[illegible]	[illegible]									
82	17	S trib Josephine Cr.	SE26-39S-9W	25	30	80	1	200	50	<30 AIF [illegible]		0.25
83	18	S trib Josephine Cr.	SE26-39S-9W	45	20	66	n	200		<30 AIF 603	0.15	0.75
84	19	N. Trib	NE26-39S-9W	35	20	51	n	tr		<30 AIF 604	0.1	0.50
85	20	N Trib	CZ6-39S-9W	35	30	51	n	300		<30 AIF 605		0.25
86	21	Josephine Cr.	SW26-39S-9W	56	20	52	n	tr		<30 AIF [illegible]		0.25
87	22	N. Trib Josephine Cr.	W26-39S-9W	30	30	44	n	tr		<30 AIF [illegible]		0.25
88	23	lost sample										
89	24	not taken										

Cave Junction Quad 1965

		Width		Cu Spec	(1) Cu Test r (1)	2nd	PPM	(2) Zn r	PPM	(3) Mo	(4) Hg 1gt mg/l	ppm
90	A	1	Trib to Althouse G.	50	r 0.4		20	1 AIF 608 ~~58~~		+ Nil	0.2	t
	B	1	SW 22 T40S, R7W		r 1.5	1.5	75	n			1.0	0.2
91	A	2	Run Gulch SW22, 40S, 7W	50	r 0.8	1.5	40/75	n AIF 609		+ T	0.2	t
	B	2			r 3.0	6.0	150/300	n			0.75	0.15
92	A	1	Deadman G! SW27, 40S, 7W	20	r 0.8	0.4	4/20	n AIF 610			1.0	0.2
	B	1			r 0.4	0.4	20	n			3.0 smoke	0.6
93	A	1	Snow Gl SW27, 40S, 7W	70	r 0.4	0.8	20/40	n AIF 611		+ 5ppm	0.5	0.1
	B	1			r 0.4	0.8	20/40	n		+ 5ppm	0.5	0.1
94	A	1	Trib to Althouse G.	70	r 0.4	0.8	20/40	n AIF 612			0.2	t
	B	1	SE 28, T40S, R7W		r 0.4	0.4	20	n			0.2	t
95	A	1	Trib to Althouse G.	30	r 1.5	0.8	75/40	1 AIF 613 ~~100~~ 50			0	n
	B	1	NW 33, T40S, R7W		r 1.5	0.8	75/40	n		+5ppm	0.2	t
96	A	2	West Fk Althouse G.	50	r 0.4	0.8	20/40	n AIF 614			0.2	t
	B	2	SW 4, T41S, R7W		r 0.8	0.8	40	n			2.0 SK	0.4
97	A	1	Trib to Althouse G.	30	r 0.8	0.8	40	n AIF 615			1.0	0.2
	B	1	SE 3, T41S, R7W		r 0.8	0.8	40	n		+5ppm	0.5	0.1
98	A	2	Johnson Gl NE 10, T41S, R7W	20	r 0.2	0.4	9/20	n AIF 616			0.5	0.1
	B	2			r 0.4	0.8	20/40	n		+ Nil	0.5	0.1
99	A	3'	Althouse G.	50	r 0.4	0.8	20/40	n AIF 617			0.25	0.15
	B	3'	NE 10, T41S, R7W		r 0.4	0.4	20	n			0.5	0.1

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	width		(1) Cu	(2) Zn	(3) Mo	(4) Hg
				2nd YR = PPM		PPM
100	1'	W. Trib Elk Cr. SE11, 41S, 9W	15 20	30 50	"	"
101	1'	W. Trib Elk Cr. NE14, 41S, 9W	10 30	20 50	"	0.25
102	2'	Trapper Gl. SW13, 41S, 9W	20 20	45 50 Tr	"	0.1
4		Cu Standard ±5 ppm	25	55		
5		Zn Standard 140 ppm		140		
6						
7						
8						
9						
10						1
11						1
12						1
13						1
14						1
15						1
16						1
17						1
18						1
19						1
20						2
21						2
22						2
23						2
24						2
25						2
26						2
27						2
28						2
29						2
30						3
31						3
32						3
33						3
34						3
35						3
36						3
37						3
38						3
39						3
40						

BURROUGHS CORPORATION TODD COMPANY DIV. - L Form H554

CHETCO PEAK 1965

Prepared By: TF 3/66
Approved By:

		wide		(1) Cu			(2) Zn			(3) Mo		(4) Hg		
~~1~~	~~1~~		Rock, NW3, 41S, 9W		T	20	1		50	AIF 618	N	0.50		0.1
2	2		Whiskey, NW9, 41S, 9W		T	20	2		100	AIF 619	N	0.50		0.1
~~3~~	~~1/2 80~~		~~W. fk. Illinois R. NW9, 41S, 9W~~		~~T~~	~~15~~	~~2~~		~~100~~	~~AIF 620~~	~~N~~	~~0.50~~		~~0.1~~
4	4		Cest fk. Babyfoot NE31, 38S, 9W	1.5	75	150	2		100	AIF 621		20+		4.0
5	5		U.C. NW31, 38S, 9W	3	150	50	1		50	AIF 622		45		0.8
6	6		U.C. NW31, 38S, 9W	2	100	100	1		50	AIF 623		1.25		0.2
7	7		Copper G. SW10, 39S, 10W	1.0	50	30	1		50	AIF 624		0.75		0.15
8	8		U.C. SE10, 39S, 10W	2	100	30	1		50	AIF 625		025		t
9	9		Ditch G. SE11, 39S, 10W	.8	40	30	1		50	AIF 626		025		t
10	10		U.C. SE11, 39S, 10W	nil	n	10	1		50	AIF 627		050		0.1
11	11		Ditch G. SW11, 39S, 10W	.4	20	30	1		50	AIF 628		025		t
12	12		U.C. NE14, 39S, 10W	.8	40	30	2		100	AIF 629		075		0.15
13	13		U.C. NE14, 39S, 10W	1.5	75	70	1		50	AIF 630		075		0.15
14	14		U.C. SW13, 39S, 10W	2.0	100	100	1		50	AIF 631		025		t
15	15		Little Chetco, SW13, 39S, 10W	3	150	70	1		50	AIF 632		050		0.1
16	16		Hawk, NW14, 39S, 10W	1.5	75	100	1		50	AIF 633		050		0.1
17	17		U.C. SE14, 39S, 10W	2	100	100	1		50	AIF 634		050		0.1
18	18		U.C. NW23, 39S, 10W	.8	40	150	1		50	AIF 635		025		t
19	19		U.C. NW23, 39S, 10W	1.5	75	70	1		50	AIF 636		025		t
20	20		Hawk, NW23, 39S, 10W	.8	40	50	1	t	50	AIF 637		050		0.1
21	21		U.C. NW23, 39S, 10W	.8	40	70	1		50	AIF 638		050		0.1
22	22		U.C. SW14, 39S, 10W	.8	40	30	t		t	AIF 639		075		0.15
23	23		U.C. NW14, 39S, 10W	1.5	75	30	1		50	AIF 640		075		0.15
24	24		U.C. SE10, 39S, 10W	2.0	100	100	2	200	100	AIF 641		100		0.2
25	25	Copper Showing	U.C. SW10, 39S, 10W	+6/+6+300		700	4	1500	200	AIF 642	ppm	1.75		0.3
26M	26	10	Eagle G. SE23, 38S, 10W	2	100	100	1		50	AIF 643		075		0.15
27M	27	10	Babyfoot G. SE23, 38S, 10W	2	100	70	1		50	AIF 644	3	1.25		0.2
28M	28	6	U.C. SE22, 38S, 10W	2	100	150	t		t	AIF 645		050		0.1
29M	29	5	U.C. C22, 38S, 10W	1.5	75	150	1		50	AIF 646		050		0.1
30M	30	8	U.C. ~~#~~ 2½ mi S. Hawkes Rest	0.4	20	20	1		50	AIF 647		025		t
31M	31	10	Chetco R. N½28, 39S, 10W	0.4	20	50	1	tr	50	AIF 648		075		0.15
32M	32	7	Broken Cot G. SE20, 39S, 10W	nil	n	30	tr		t	AIF 649		025		t
33M	33	6	U.C. NW20, 39S, 10W	nil	n	20	n		n	AIF 650		050		0.1
~~34M~~	~~34~~	10	~~Chrome G. NE7, 40S, 10W~~	0.4	20	~~80~~	~~tr~~	~~tr~~	~~t~~	~~AIF 651~~		~~050~~		~~0.1~~
~~34A~~	~~35~~	4-6	U.C. 5, 40S, 10W	nil	n	30	tr	tr	t	AIF 652		050s		0.1
~~34B~~	~~36~~	8-10	R fk Chrome, 5, 40S, 10W	nil	n	30	1	tr	50	AIF 653		175		0.3
	37													
	38		Dutchman B. 53A.	.8			1							
	39													
	40		Cu Standard	1.0										

CHETCO PEAK 1965

Prepared By: IT 3/66
Approved By:

		wide		(1) Cu	Sampling Interval	(2) Zn		(3) Mo		(4) Hg	
					Spare	Spare	PPM				PPM
35	1	10-12	UC, NE7, 40S, 10W	.8	40 50	1	t 50		AIF654	0.25	t
36	2	6	UC, S7, 40S, 10W	.4	20 30	1	50		AIF655	0.50	0.1
37	3	6	UC NE13, 40S, 11W	.2	10 20	1	100		AIF656	0.25	t
38	4	15-20	ChromeCr. NW24, 40S, 11W	.4	20 20	1	50		AIF657	050	0.1
39	5	9	UC, NW24, 40S, 11W	.8	40 70	2	100		AIF658	075	0.15
40M	6	8	Spokane Cr., SE20, 40S, 10W	1.0	50 70	2	100		AIF659	025	t
41M	7	20	Baldface, SW21, 40S, 10W	.8	40 70	1	50		AIF660	050	0.1
42M	8	6	UC. SE21, 40S, 10W	.8	40 50	1	50		AIF661	025	t
43M	9	6	UC. NW23, 40S, 10W	.4	20 20		100		AIF662	125	0.2
44M	10	20	Baldface, NW23, 40S, 10W	.4	20 20	N	n		AIF663	050	0.1
45M	11	4	UC. NW11, 40S, 10W	.4 22	20 30	1 70	50		AIF664	0 25	t
46M	12	4	UC NW11, 40S, 10W	.8 46	40 50	1 220	t 50	.10	AIF665	050	0.1
47M	13	4	UC, NW11, 40S, 10W	.8	40 30	1	50		AIF666	200	0.4
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	31										
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	33										
	34										
	35										
	36										
	37										
	38		Chetco PK 5	2.0		1					
	39										
	40										
			Cu Standard	1							

CHETCO PEAK 1966

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						(1) Cu PPM	MR	(2) Zn PPM	MR	(3) Mo	(4) Hg	MR	
20	48	1	6	UC. from E of Babyfoot SE23, 38S, 10W	100	50	12/28	90	5/30	175 AIF667	n	0,0	1
	49	2		E trib to Babyfoot NW25, 38S, 10W	100	20	24/10	80	0/10	AIF668	n	0.5,0	2
	50	3	7	SW Trib to Babyfoot SW25, 38S, 10W	200	90/105	50/60	85	0/125	AIF669	n 0.5	1.5,2.5	3
	51	4		S trib to Babyfoot NE,SW 25, 38S 10W	30	0	8/0	80	0/10	AIF670	n 0.5	2.5,1.5	4
	52	5		SFk Babyfoot SE 25, 38S, 10W	30	20	12/15	85	0/135	AIF671	n 0.1	.5,.5	5
25	53	6		NFk Babyfoot SE 25, 38S, 10W	100	65	5/10	90	0/160	AIF672	n 1.0	2.5/5.0	6
	SA	7	15'	Baldface NW11, 41S, 11W	50	25	13/12	80	0/110	AIF673	n	0/0	7
	55	8	10'	Fall Cr. NE11, 41S, 11W	50	20	10/12	85	20/135	AIF674	n 0.1	.5/.5	8
	56	9	15'	N.Fk Smith R. SE21, 40S, 11W	30	35	12/21	80	0/130	AIF675	n	0/0	9
	57		6'	W.Trib Smith R. SE21, 40S, 11W	30	20	15	80	0/130	AIF676	n 0.1	.5/.5	10
30	58		2'	W.Trib Smith R. NW27, 40S, 11W	70	55	17/	90	0/150	AIF677	n	0/0	11
	59		1'	E.Trib Smith R. N½27, 40S, 11W	70	40	10/	95	5/120	AIF678	n 0.2	.5/1.0	12
	60		2'	W.Trib Smith R. S½27, 40S, 11W	50	30	17/15	85	120/120	AIF679	n 0.1	.5/.5	13
	61		15'	Chrome Cr. SW34, 40S, 11W	50		8/21	85 200	70/120	AIF680	n	0/0	14
	62		4'	W.Trib Smith R. S½34, 40S, 11W	30		7/20	90 tr	10/140	AIF681	n	0/0	15
35	63		4'	W.Trib. Smith R. SW2, 41S, 11W	30		5/20	80 tr	0/1	AIF682	n	0/0	16
	64		3'	N Trib. Diamond Cr. NC17, 41S, 10W	20	45	5/2	90 tr	0/120	AIF683	n	0/0	17
	65		2'	NW Trib Diamond C. C16, 41S, 10W	20	40	22	80	100	AIF684	n 1.0	w/cc 3/5	18
	66		4'	NE Trib Diamond C. NE16, 41S, 10W	50	55	30	70	100	AIF685	n	w/cc	19
	67		4'	N Trib Diamond Cr. NE16, 41S, 10W	30	30	12	90	160	AIF686	n 1.0	w/cc	20
	68		2	Trib Whiskey Cr NE8, 41S, 9W	30	20	10	90	120	AIF687	n	0/0	21
	69		4	Whiskey Cr. NE8, 41S, 9W	15	20	10	150 500	70	AIF686	n	0/0	22
(Same as 13)	70		8'	W Fk. Illinois R. NW9, 41S, 9W	50	40	22	70	50	AIF689	n	0/0	23
(Same as 11)	71			~~Madstone Cr. Tributary to Chetco R.~~ ~~BACK ON NW 5, 41S, 9W~~		20	12	70	120	AIF690	n	0/0	24
	72			Madstone Cr. ½ mile upstream Chetco R.	15	20	12	70	100	AIF691	n	0/0	25
	73			Carter Cr. N½ 33, 38S, 10W	150	90	20	30	70	AIF692	n	0/0	26
	74	14		S. Trib Carter Cr. NE33, 38S, 10W	100	100	35	35	80	AIF693	n	0/0	27
	75			Carter Cr. C34, 38S, 10W	100	70	37	75	110	AIF694	n 0.1	.5/tr	28
	76			Bailey Cabin Trib SE34, 38S, 10W	100	85	44	30	70	AIF695	n	0/0	29
	77			E. Trib Baldface Cr. SW23, 40S, 10W	20	45	24	30	80	AIF696	n	0/0	30
	78			N. Trib Little Chetco E9, 39S, 10W	30	55	30	60	40	AIF697	n	0/0	31
	79	15		Little Chetco NE5, 39S, 10W	70	55	36	70	40	AIF698	n	0/0	32
	80			N Box Canyon Cr. 11, 39S, 11W	20	20	10	n a	10	AIF699	n	0/0	33
	81			Trib to Box Canyon Cr. NE2, 39S, 11W	30	25	13	35	90	AIF700	n	0/0	34
	82			Trib to Box Canyon Cr. N2, 39S, 11W	30	35	20	n	20	AIF701	n	0/0	35
	83	16		W. Trib Box Canyon SE35, 38S, 11W	150	95	53	60	50	AIF702	n	0/0	36
	84			SE Trib Chetco E21, 38S, 10W	150	80	45	60	30	AIF703	n	0/0	37
	85	17		W Trib Chetco S21, 38S, 10W	100	70	58	70	30	AIF704	n	0/0	38
	86	18		SW Trib Chetco N28, 38S, 10W	100	95	53	60	0	AIF705	n	0/0	39
	87	19		W Trib Chetco C28, 38S, 10W	30	55	21	70	0	AIF706	n	0/0	40
	88	20	21	Morrison Gulch SW23, 38S, 10W	30	40	23	60	60	AIF707	n 0.1	0.5/0.5	

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			Width		(1) Cu PPM			(2) Zn PPM		(3) Mo PPM		(4) Hg PPM	
14	89	1	1'	Trib, So. Fk. Rough & Ready SE25, 40S, 10W	20	70	40	20		30	n	0.15	t
	90	2	5'	So. Fk. Rough & Ready SE25, 40S, 10W	25	100	50	30		30	n	0.15	0.1
	91	3	3'	Trib So. Fk R&R SE 25, 40S, 10W	25	70	50	30		30	n	0.25	0.15
	92	4	2'	No. Trib So Fk R&R NW 30, 40S, 9W	15	50	30	20		20	n	0.3	0.1
	93	5	2'	So. Trib So. Fk R&R N½ 30, 40S, 9W	20	70	40	20		20	n	0.3	0.2
	94	6		No Trib So. Fk R&R NW 20, 40S, 9W	20	30	40	20		20	n	0.2	t
	95		3'	So Trib No. Fk R&R SW 7, 40S, 9W	25	40	50	60		n	n	0.3	0.3
	96		15	No. Fk Rough & Ready CT, 40S, 9W	30	80	60	30	tr	30	n	0.2	0.2
	97		10'	No. Trib No Fk R&R SE7, 40S, 9W	20	30	40	30		30	n	0.15	t
	98		15'	No Fk R&R NW 16, 40S, 9W	25	30	50	50		50	n	0.1	t
		11		Cu Std 25 ppm.	25								
		12		blank									
		13		Zinc Standard 140 ppm				145					
		14											
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Initials Date
Prepared By
Approved By

BURROUGHS CORPORATION TODD COMPANY DIV. Form H554

CHETCO PEAK

		ANALYSIS BY ATOMIC ABSORPTION					
		Cu	Zn	Pb	Ni	Ag	Hg
99	Hansen Gl. W½10, 39S, 9W	15/17	38/52	16	1950	N	tr
100	Carpenter Gl. NE9, 39S, 9W	30/34	40/42	10	2200		tr
101	Rocky Bar Gl. C9, 39S, 9W	17/22	36/35	13	2150		tr
102	Unnamed N½8, 39S, 9W	46/57	43/45	8	1000		0.2
103	Canyon Cr. SW5, 39S, 9W	64/80	58/61	8	315		0.2
104	West Fk. Can. Cr. NE8, 39S, 9W	53/60	73/71	8	95		tr
105	Lightening Gl. NW8, 39S, 9W	/100	93/110	10	95		0.1
106	Unnamed NW9, 39S, 9W	64/65	57/57	6	320		tr
107	So. Fk. Can. Cr. NW9, 39S, 9W	49/40	47/45	8	900		0.25

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			(1) Cu			(2) Zn			(3) Mo	(4) Hg
			PPM	MR	SPEC V	PPM	SPEC V	MR		PPM
1	2'	E. Trib Pistol River NW23, 37S, 13W	50	30	70	110		n	AIF 708	0
2	3'	Pistol River NW23, 37S, 13W	60	38	70	165	th 375	n	AIF 709	0
3	12	Meadow C. NE35, 37S, 13W	55	33	50	100	250	n	AIF 710	0
4	3'	W. Trib Pistol River SE35, 37S, 13W	55	35	70	100	260	n	AIF 711	0
5	10'	Cedar C. N½ 2, 38S, 13W	55	35	50	90	230	n	AIF 712	0
6	10,	W. Trib Bush R. NE 3, 38S, 13W	55	35	70	85	210	n	AIF 713	0
7	4	E. Trib Pistol C 3, 38S, 13W	55	35	50	80	th 200	n	AIF 714	0
8	4'	E. Trib Pistol NW10, 38S, 13W	60	38	70	100	th 260	n	AIF 715	.100
9		W. Trib Boulder SE17, 38S, 14W	70	42	50	95	th 240	n	AIF 716	.300
10	3'	W. Trib Boulder SE 7, 38S, 14W	90	50	100	90	230	n	AIF 717	.200
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BURROUGHS CORPORATION TODD COMPANY DIV. — L — Form H554

COLLIER BUTTE

~~ILLINOIS RIVER TRAVERSE~~

MCM No. B1515—12

No.	Stream name	Location Sec.	Twn.	Rng.	Cu semiquant spec	Cu corrected 5/3 ppm Cu	Zn	Zn ppm	Mo	Mo ppm	Hg ppm	No.
29 1	W. Side	NE 29	36S	11W	20 ~~5~~ tr		n		AIF733	n	t	025	1
30 2	E. Side	S 21	36S	11W	50 ~~5~~	50	n	spec	AIF734	n	t	025	2
31 3	E. Side	C 21	36S	11W	50 ~~5~~	50	n		AIF735	n	0.1	050	3
32 4	W. Side	NW 21	36S	11W	100 ~~5~~ tr		n		AIF736	n	0.15	075	4
33 5	Silver Q.	S 16	36S	11W	100 ~~5~~	50	n	tr	AIF737	n	0.15	075	5
34 6	E. Side	NE 16	36S	11W	30 ~~5~~	50	n		AIF738	n	0.3	150	6
35 7	W. Side	SW 9	36S	11W	20 tr		n		AIF739	n	0.1	050	7
36 8	E. Side	C 9	36S	11W	50 ~~5~~	50	n		AIF740	n	0.1	050	8
37 9	E. Side	N 9	36S	11W	50 ~~5~~	50	n		AIF741	n	0.15	075	9
38 10	Indigo G.	W 4	36S	11W	50 ~~5~~ tr		n		AIF742	n	0.1	050	10
39 11	South Side	S 5	36S	11W	30 tr		n		AIF743	n	t	025	11
40 12	Horse sign G.	NE 6	36S	11W	30 ~~5~~	50	n		AIF744	n	t	025	12
41 (99) 13	E. side	NE 32	35S	11W	30 tr		n	200	AIF745	n	0.1	050	13
42 (100) 14	Nancy G.	SE 29	35S	11W	30 tr		n		AIF746	n	0.2	1.00	14
43 (101) 15	Lawson G.	SE 29	35S	11W	50 tr		n	200	AIF747	n	0.15	075	15
44 16 (102)	Fox G.	C 19	35S	11W	70 ~~5~~	50	n		AIF748	n	0.1	050	16
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note: sites 41 through 44 on Agness Quad.

Collier Butte 1967

Initials	Date
Prepared By	
Approved By	

BURROUGHS CORPORATION TODD COMPANY DIV. — L Form H552

	Stream width		(1) Cu NE quarter ppm	(2) Zn ppm	(3) Mo	(4) Hg ppm	
100	20'	Quosatana Cr. NW3, 36S, 13W	30, 35, 50 65	50, 130 50	AlH 640	n	t 1
101	3'	Bradford Cr. SW1, 36S, 13W	35, 54, 50 100	50, 130 50	AlH 641	n	n 2
102	3'	Bill Moore Cr. NE1, 36S, 13W	30, 45, 50 110	70, 170 70	AlH 642	n	n 3
103	4	Left Fk. Quosatana Cr. SW24, 36S, 13W	20, 50, 70 85	80, 130 80	AlH 643	n	n 4
104	5	Middle Fk. Quosatana Cr. SE24, 36S, 13W	25, 40, 30 80	60, 110 60	AlH 644	n	n 5
105	10'	Rt Fk Quosatana Cr. SW24, 36S, 13W	20, 40, 50 65	50, 90 50	AlH 645	n	n 6
106	6'	So Trib Quosatana Cr. SE22, 36S, 13W	35, 55, 50 85	50 120 th 50	AlH 646	n	n 7
107	3'	W. Trib Quosatana SE15, 36S, 13W	40, 50, 50 100	50 100 th 50	AlH 647	n	t 8
108	3'	E Trib Quosatana SE15, 36S, 13W	30, 55, 30 70	50, 70 50	AlH 648	n	n 9
109	2'	W. Trib Quosatana NE15, 36S, 13W	25, 45, 30 50	60, 40 60	AlH 649	n	n 10
110	3'	E. Trib Quosatana SE10, 36S, 13W	35, 50, 70 75	30, 70 30	AlH 650	n	n 11
111	8'	W. Trib Quosatana SE10, 36S, 13W	45, 40, 50 65	60, 65 61	AlH 651	n	n 12
112	3'	Hunter Cr. SW33, 36S, 13W	25, 30, 50 55	60, 40 50	AlH 652	n	n 13
113	5'	W. Trib Lawson Cr. SE31, 36S, 12W	45, 35, 70 100	50, 80 50	AlH 653	n	0.1 14
114	10'	Lawson Cr. SE31, 36S, 12W	20, 40, 30 50	50, 40 50	AlH 654	n	n 15
115	5'	W. Trib Lawson NW29, 36S, 12W	35, 35, 70 80	80, 70 80	AlH 655	n	t 16
116	2'	E. Trib Lawson SE20, 36S, 12W	30, 65, 50 65	80, 70 80	AlH 656	n	n 17
117	5'	W. Trib Lawson NE20, 36S, 12W	40, 45, 70 90	50, 80 th 50	AlH 657	n	t 18
118	4'	W. Trib Lawson SW16, 36S, 12W	15, 35, 50 70	60, 70 60	AlH 658	n	t 19
119	15'	E. Trib Lawson NW16, 36S, 12W	30, 15, 20 50	50, 40 50	AlH 659	n	t 20
120	5'	E. Trib Lawson NW16, 36S, 12W	5, 50, 15 20	0, 50 0	AlH 660	n	n 21
121	4'	W. Trib Lawson NE9, 36S, 12W	35, 40, 50 75	90, 80 90	AlH 661	n	t 22
122	4'	E. Trib Lawson NE9, 36S, 12W	25, 25, 20 50	70, 30 70	AlH 662	n	t 23
123	3'	W. Trib Lawson SW3, 36S, 12W	55, 55, 80 95	130, 105 th 130	AlH 663	n	t 24
124	5'	E. Trib Lawson SW2, 36S, 12W	10, 35, 10 20	0, 0 0	AlH 664	n	n 25
125	5'	W. Trib Lawson SE36, 35S, 12W	10, 25, 30 35	140, 20 140	AlH 665	n	n 26
126	2'	S. Trib Lawson SW31, 35S, 12W	20, 40, 30 50	70, 50 70	AlH 666	n	n 27
127	8'	W. Trib So. Fk Collier SE28, 37S, 12W	5, 40, 50 40	120, 55 120 110	AlH 667	n	n 28
128	2'	E. Trib So. Fk Collier NE33, 37S, 12W	20, 45, 30 55	100, 75 100	AlH 668	n	n 29
129	3'	E. Trib So. Fk Collier NE33, 37S, 12W	35, 50, 50 75	110, 90 th 110	AlH 669	n	n 30
130		E. Trib So. Fk Collier NW27, 37S, 12W	40, 40, 70 85	130, 70 th 130	AlH 670	n	t 31
131	6'	E. Trib. So. Fk Collier NW23, 37S, 12W	50, 40, 100 100	140, 100 140	AlH 671	n	t 32
132	10'	So. Fk Collier Cr. SW14, 37S, 12W	40, 55, 70 90	110, 70 120	AlH 672	n	n 33
133	6'	Collier Cr. NW14, 37S, 12W	30, 55, 70 75	80, 100 th 80	AlH 673	n	n 34
134	2'	W. Trib Collier Cr. SE11, 37S, 12W	25, 50, 70 70	80, 80 80	AlH 674	n	n 35
135	2'	W. Trib Collier SW12, 37S, 12W	20, 45, 100 60	90, 90 90	AlH 675	n	n 36
136	3'	W. Trib Collier NE12, 37S, 12W	20, 15, 20 30	60, 20 50	AlH 676	n	n 37
137	6'	Boundary line trib to Collier SE6, 37S, 11W	30, 65, 200 90	70, 60 90	AlH 677	n	n 38
138	6'	No. Fk Collier NW5, 37S, 11W	30, 50, 70 65	90, 90 90	AlH 678	n	n 39
40		Cu Standard (55 ppm)	25, 40,				40
		Zn Standard 140 ppm		140, 100			

notes

#120 collected just below landslide

1	—	55	25	—	140
2	65	70	40	220	120
3	75	70	35	230	110
4	55	65	40	200	140
5	50	55	25	160	140
6	40	50	30	140	170
7	55	60	25	260	130
8	65	100	30	180	175
9	45	60	20	145	100
10	50	65	20	170	80
11	60	45	25	170	100
12	20	40	20	150	120
13	10	20	15	140	100
14	45	60	40	210	120
15	30	70	15	170	150
16	50	70	30	190	130
17	25	50	25	150	100
18	55	80	25	180	130
19	45	50	25	145	90
20	30	45	25	145	70
21	30	15	0	80	10
22	45	60	30	170	110
23	25	50	5	140	70
24	25	60	40	180	130
25	10	15	0	110	50
26	15	30	15	110	60
27	30	50	10	150	70
28	~~—~~	70	25	125	90
29	35	60	30	165	150
30	30	70	25	150	110
31	40	80	20	180	100
32	60	90	30	150	150
33	40	60	30	165	140
34	55	70	30	200	120
35	55	70	25	175	130
36	45	70	35	150	140
37	20	20	0	120	80
38	65	80	35	160	100
39	30	50	20	160	130
40					
Av.	35	35			140

CRATER LAKE 1965

Prepared by TF 1/66
Approved by

		wide		(1) Cu ppm	(2) Zn ppm	(3) Mo ppm	(4) Hg ppm
1A	1	10	Sun Cr SW4, 33S, 7½E	.4	20 N	n	050
B	2			.8	40 N	n	075
2A	3	12	Annie Cr.	.8	40 N	n	025
B	4		SW4, 33S, 7½E	.8	40 N	n	100
	5						
	6						
	7						
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BURROUGHS CORPORATION
TODD COMPANY DIV. - L
Form H554

DAYS CREEK Quad 1965

Initials Date
Prepared By: TF 10/65
Approved By:

	width		(1) Cd ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
1		UC C13 T31S R4W	100	6+ 2	100	n n			AIF749	0.50 Sm 0.1
2		East Fork Shively Cr NE13 T31S R4W	100	6- 1.5	75	n n			AIF750	0.50 0.1
3		East F. Shively Cr. SE 1/4 11 T31S R4W	70	3 1.5	75	n n			AIF751	0.50 0.1
4		UN SE1/4 11 T31S R4W	70	3 1.5	40	n 1	50		AIF752	0.50 Sm 0.1
5		UN NW1/4 13 T31S R4W	70	3+ 1.5	75	n n			AIF753	0.50 0.1
6		East Fk. Shively cr. SE3 T31S R4W	70	3+ 1.5	75	n n			AIF754	0.25 t
7		UN SE1/43 T31S R4W	70	3 1.5	75	n n			AIF755	0.25 t
8		UN SE3 T31S R4W	50	6- 1.5	75	n n			AIF756	0.25 t
9		UN SE3 T31S R4W	70	3+ 1.5	75	n n			AIF757	0.25 t
10		UN NW2 T31S R4W 75	100	3 1.5	75	n n 130 tr			AIF758	0.25 t
11		Shively Cr. NW2 T31S R4W	70	3 1.5	75	n n			AIF759	0.25 t
12		UN Sec35 T30S R4W	100	6-1.5	75	n		+5	AIF760	0.75 0.15
13		UN SW23 T30S R4W	70	1.5.8	40	n			AIF761	0.50 0.1
14		Slimwater Cr SW22 T30S R4W	30	1.5.8	40	n			AIF762	0.50 0.1
15		Beal cr. SE21 T30S R4W	50	1.5.8	40	n			AIF763	0.25 t
16		UN Sec33 T30S R4W	50	1.5.8	40	n			AIF764	1.0/15.0 0.2/3
17		UN NE28 T30S R4W	30	1.5.8	40	n			AIF765	0.50 0.1
18		Spring Cr. NE28 T30S R4W	50	1.5.8	40	n			AIF766	1.00 0.2
19		Sweat Cr NE29 T30S R4W	30	1.5.8	40	n tr			AIF767	0.25 t
20		BEAL Cr. NE29 T30S R4W	30	1.5.8	40	n tr			AIF768	0.50 0.1
21		DOE Hollow SE5 T30S R3W	50	6 1.5	75	1 2 tr	50		AIF769	0.25 t
22		DAYS Cr. SE6 T30S R3W	30	3 1.5	75	n T	+		AIF770	0.00 n
23		FATE Cr SE6 T30S R3W	30	3-1.5	75	n n			AIF771	0.25 t
24		Bailey Gl. NE7 T30S R3W	50	3-1.5	75	n n tr			AIF772	0.25 t
25		UN SE1 T30S R4W	50	1.5.8	40	n 1+	50		AIF773	0.25 t
26		UN NW11 T30S R4W	30	1.5.8	40	1	50		AIF774	0.25 t
27		DAYS Cr. C"49" T30S R4W	30	1.5+8	40	n			AIF775	0.25 t
28		Wood Cr C"49" T30S R4W	50	3 1.5	75	1	50		AIF776	0.25 t
29		Wood Cr NE3 T30S R4W	70	1.5+8	40	1-	50		AIF777	0.00 n
30		UN NE3 T30S R4W	30	1.5.8	40	N		+T	AIF778	0.00 n
31		DAYS Cr. SE"47" T30S R4W	20	1.5.8	40	N N			AIF779	0.25 t
32		UN NW7 T30S R3W	150	3+1.5	75	T T	+		AIF780	0.25 t
33		UN NW12 T31S R3W	15	1.5.8	40	n N			AIF781	0.25 t
34		UN NW12 T31S R3W	20	1.5.8	40	1 N			AIF782	0.50 0.1
35		UN SE2 T31S R3W	20	1.5+8	40	1 N			AIF783	0.25 t
36		UN SW2 T31S R3W	100	3+1.5	75	T 1	50		AIF784	0.50 0.1
37		UN SW2 T31S R3W 50	150	6 2	100	n T 25	+	-10	AIF785	0.25 t
38		UN NW3 T31S R3W	50	1.5.8	40	T N			AIF786	0.00 n
39		East Fk Stouts cr NW3 T31S R3W	20	1.5.8	40	1 N			AIF787	0.00 n
40		East Fk Stouts Cr SE3 T31S R3W	20	1.5.8	40	n N			AIF788	0.00 n

BURROUGHS CORPORATION TODD COMPANY DIV. Form H554

Days (rock acc.) through ~ 1/31/66
show the cu content over section analysis, Rich

DAYS CREEK QUAD 1965

Prepared By: TF 10-65
Approved By:

		width		(1) Cu ppm	(2) Zn ppm	(3) Mo ppm	(4) Hg ppm	PPM
41	1		UN SE10 T31S R3W	T 20	40 1 N	0/~~100~~ 50 n	AIF789	0.00 n
42	2		East Fk STOUTS Cr NE15 T31S R3W	15	40 1 N	0/~~100~~ 50 n	AIF790	0.25 t
43	3		STOUTS Cr NE34 T30S R3W	20	40 T N	n	AIF791	0.25 t
44	4		St. John Cr, SW27, 30S, 3W	30	70 200	100 n	AIF792	n
45	5							
46	6		St. John Cr. NW22, 30S, 3W	20	45 120	100 n	AIF793	
47	7	1'	E. Fk St. John Cr. NE22, 30S, 3W	30	55 175	90 n	AIF794	0.2
48	8							
49	9							
50 A	10	8'	SE 1/4 13 T30S R4~~3~~W ?	20	40 1 T	T/~~100~~ 50 n	AIF795	0.25 Sm t
B	11				40 N T	+ n		0.50 0.1
51 A	12	15'	Packard Gulch	30	40 1 N	0/~~100~~ 50 n	AIF796	0.25 t
B	13		NW 7 T30S R4W		75 1 T	+/~~100~~ 50 n		0.50 0.1
52 A	14	6'	STINGER Gulch	20	40 N N	n	AIF797	0.25 t
B	15		NE 8 T30S R4W		40 T N			0.25 t
53 A	16	10'	SE 14 T30S R4W	30	75 1 1	~~100~~ 50 n	AIF798	0.25 t
B	17		HAMMON CREEK		1 75 1 1	~~100~~ 50 n		0.25 t
54 A	18	4'	Bland Br.	50	40 N T	+ n	AIF799	0.00 n
B	19		NE 23 T30S R4W		40 N T	+ N		0.25 t
55 A	20	15'	East Fork Poole Cr	0.4 70	75 N 1	50 n	AIF800	0.25 t
B	21		SW 32 T30S R3W	0.2	40 N 1	50 n		1.00 Sm 0.2
56 A	22	10'	Poole Cr.	0.2 70	40 N 1	+ 50 n	AIF801	0.25 t
B	23		SW 30 T30S R3W	T	0 T N			0.25 t
57 A	24	6'	East Fk Poole Cr	0.4 30	75 T 1	+ 50 n	AIF802	0.25 t
B	25		SW 30 T30S R3W	0.4	75 N 1	50		0.00 n
58 A	26	8'	Lavadoure Cr.	0.2 20	75 N T		AIF803	0.25 t
B	27		NE 30 T30S R3W	0.2	75 1 T	+		0.50 Sm 0.1
59 A	28	5'	UN	T 30	75 N T	+ + 50	AIF804	0.75 0.15
B	29		NE 29 T30S R3W	0.2	75 1 1	~~100~~		0.50 0.1
60 A	30	5'	UN	0.4 50	75 T 1	50	AIF805	0.25 t
B	31		NE 29 T30S R3W	0.2	75 T N			0.25 t
61 A	32	25'	STOUTS Cr	T 15	40 N N		AIF806	0.00 n
B	33		NW3 T31S R3W	0	40 N N			0.25 t
62 A	34	No B	UN SW 13 T30S R3W	0 30	40 N N		AIF807	0.25 t
63 A	35	10'	Corn Cr.	0 30	40 N N		AIF808	0.25 t
B	36		SW 13 T30S R3W	0.2	40 N N			0.25 t
64 A	37	14'	Corn Cr	T 30	40 N N		AIF809	0.50 0.1
B	38		NE 26 T30S R3W	T	20 N N			0.75 0.15
65 A	39	6'	SE 2 T32S R3W	T 15	20 N N		AIF810	0.00 n
B	40		UN	T	40 T N			0.50 0.1

DAYS CREEK QUAD 1965

TF 10-65

		width		(1) Cu ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg	
66	A 1	5'	West Fk Applegate Cr (over)	0.2	15	40	nn		AIF811	0.00	n
	B 2		SW28 T32S R3W	T		40	nn	7		0.25	t
67	A 3	8'	Applegate Creek	T	20	40	nn		AIF812	0.00	n
	B 4		NE28 T32S R3W	T		40	nn			0.25	t
68	A 5	6'	UN	0.2	20	75	nn		AIF813	0.00	n
	B 6		SE21 T32S R3W	0.2		75	nn			0.50	n.1
69	A 7	20'	Applegate Creek	n	15	40	nn		AIF814	0.25	t
	B 8		C15 T32S R3W	T		40	nn			0.25	t
70	A 9	8'	UN	0.2	50	75	nn	3	AIF815	0.00	n
	B 10		C15 T32S R3W	T		40	nn			0.00	n
71	A 11	20'	Applegate Cr. (over)	T	20	40	nn		AIF816	0.00	n
	B 12		NW11 T32S R3W	T		40	nn	7		0.25 Sm	t
72	A 13	35'	Cow Creek (over)	n	30	40	nN		AIF817	2.00 / 5.8	4 / 1.2
	B 14		SW2 T32S R3W	T		20	nN			0.50	n.1
73	A 15	4'	Devil Cr.	n	20	20	nN		AIF818	0.00	n
	B 16		SE3 T32S R3W	T		20	nN			0.50	n.1
74	A 17	4'	UN	n	10	20	nN		AIF819	0.00	n
	B 18		SE4 T32S R3W	n		20	nN			0.25	t
75	A 19	10'	Dismal Creek	n	7	20	nN		AIF820	0.00	n
	B 20		NW10 T32S R3W	T		40	nN			0.25	t
76	A 21	4'	UN SE9 T32S R3W	n	5	20	nN		AIF821	0.25	t
	B 22		(over)	T		300	nT	+		0.75 Sm	n.1
77	A 23	6'	Dismal Creek	n	10	75	nn		AIF822	0.00	n
	B 24		SW10 T32S R3W	T		40	nn			0.25	t
78	A 25	4'	FRENCH Creek	T	10	20	nn		AIF823	0.25	t
	B 26		NE4 T32S R3W	T		40	nn			0.50	n.1
79	A 27	10'	UN	n	15	20	nn		AIF824	0.00	n
	B 28		C32 T31S R3W	T		20	nn			0.75 Sm	n.1
80	B 29	No A 4'	Meadow Cr. C31 T31S R3W	T	50	40	nN	10	AIF825	0.50	n.1
81	A 30	4'	SUGAR Cr.	T	30	40	nN		AIF826	0.25	t
	B 31		SW31 T31S R3W	T		40	TN			0.25	t
82	A 32	45'	Cow Creek	T	20	20	nn		AIF827	0.25	t
	B 33		SW31 T31S R3W	0.2		75	Tn			0.00	n
83	A+B 34		lost								
84	A 35		UN	T	15	20	nN		AIF828	0.25	t
	B 36		SE7 T32S R3W	n		20	nN			0.25	t
	A 37		SNOW Cr	n	15	20	nN		AIF829	0.00	n
	B 38		SE7 T32S R3W	n		20	nN			0.25	t
	39										
	40										

BURROUGHS CORPORATION
TODD COMPANY DIV.
Form 554

		MR	Cu PPM	MR	Zn PPM	Mo	Hg
66	W. Fk Applegate Cr	25	45	175	90	n	n
71	Applegate Cr	15	25	160	80	n	n
72	Cow Cr.	40	70	110	60	n	n
76	UC	15	25	110	60	n	n

DAYS CREEK QUAD 1965

Prepared by TF 10-65
Approved by

		width		(1) Cu (1966) PPM	(2) Zn (1966) PPM	(3) Mo	(4) Hg ppb	PPM
86	A 1	6'	UN	30 6+ 300	~~200~~ 2600		AIF830	0.25	
	B 2		SW17 T32S R3W	3 150	+			0.00	
87	A 3	6'	UN	20 1.5 75			AIF831	0.25	
	B 4		SW 17 T32S R3W	.8 ~~40~~ 75				0.25	
88	A 5	6'	UN	20 1.5 75			AIF832	1.00	0.2
	B 6		NE 6 T32S R3W	1.5 75				0.25	
89	M 7	20'	Cow Cr. NW2 T32S R4W	30 .8 ~~40~~ 75			AIF833	0.25	
90	8		lost						
91	M 9	2'	McGinnis Cr SE27 T31S R4W	30 .8 ~~40~~ 75			AIF834	0.25	
92	M 10	20'	Cow Cr. SW27 T31S R4W	20 .4 ~~20~~ 75			AIF835	0.00	
93	M 11	4'	UN NW27 T31S R4W	30 .8 ~~40~~ 75		Tr ~~100~~ 50	AIF836	0.50	0.1
94	M 12	4'	UN NE 28 T31S R4W	30 1.5 75		~~100~~ 50	AIF837	0.25	
95	M 13	3'	UN NW28 T31S R4W	70 3- 150			AIF838	0.50	0.1
96	M 14	3'	UN NW28 T31S R4W	70 ~~1.5 75~~ ~~150~~		~~100~~ 50 Tr	AIF839	0.50	0.1
97	M 15	8'	Whitehorse Cr. SW4 T32S R4W	30 + (65) 150	(95)	~~100~~ 50 (over)	AIF840	0.50	(L) 0.1
98	M 16	6'	UN SE15 T32S R4W	30 +3 ~~75~~ 150			AIF841	0.25	
99	M 17	6'	Whitehorse Cr SE15 T32S R4W	30 3- ~~75~~ 150			AIF842	0.25	
100	M 18	3'	Russel Cr. NE6 T 32S R4W	30 3- ~~75~~ 150		TR	AIF843	0.50	0.1
101	M 19	2'	West Fk. Russel Cr NE6 T32S R4W	50 +3- ~~75~~ 150		~~100~~ 50	AIF844	0.75	Sm 0.15
102	M 20	20'	Starveout Cr. SE12 T32S R4W	50 3- ~~75~~ 150		Tr ~~100~~ 50	AIF845	0.25	
103	M 21	2'	UN SW17 T32S R4W	30 .8 ~~40~~ 75			AIF846	0.50	Sm 0.1
104	M 22	15'	Starveout Cr. SW17 T32S R4W	30 1.5+ 75		~~100~~ 50	AIF847	0.50	Sm 0.1
105	M 23	4'	Fizzleout Cr WC21 T32S R4W	30 -3 ~~75~~ 150		Tr ~~100~~ 50	AIF848	0.25	
106	M 24	6'	Hogum + Boulders SW21 T32S R4W	30 3- ~~75~~ 150		~~100~~ 50 TR	AIF849	0.25	
107	M 25	3'	Starveout Cr. NE29 T32S R4W	50 1.5 ~~75~~ ~~150~~			AIF850	0.50	0.1
108	M 26	3'	UN NW29 T32S R4W	20 3- ~~75~~ 150			AIF851	0.25	
109	M 27	3'	UN NC13 T32S R5W	70 3 (25) 150	(90)	~~100~~ 50 (over)	AIF852	0.25	(L)
	28		Mid. Fk. Starveout Cr. NE 8, 31S, 3W	20 MR 20 35		70 n	AIF853	n	
	29		E. Fk. Starveout Cr. E½ 8, 31S, 3W	50 35 45		90 n	AIF854	n	
	30		Starveout Cr. NC9, 31S, 3W	20 15 35		45 n	AIF855	n	
	31		W. Trib Starveout Cr. NC4, 31S, 3W	70 45 75	170	95 n	AIF856	n	
	32	3'	Morgan Cr. S4, 30S, 5W	30 30 55	150	75 n	AIF857	L	
	33	2'	UC NE13, 30S, 5W	30 35 65	155	75 n	AIF858	L	
	34								
	35								
	36								
	37								
	38								
	39								
	40								

Samples collected

		Cu		Zn		Mo	Hg
		MR	PPM	MR	PPM		
77	Whitehall Cr	35	25	185	95	n	t
109	UC	15	25	180	90	n	n

DAYS CREEK 1969

		ANALYSIS BY ATOMIC ABSORPTION					
		Cu	Zn	Pb	Ni	Ag	Hg
116	Bear Gu. NE12, 31S, 5W	50	92	8	20	n	0.1
117	Unnamed NW13, 31S, 5W	42	63	8	32		0.1
118	W. fork Canyon Cr. SW13, 31S, 5W	50	64	9	78		n
119	Packard Cr. NW24, T31S, R5W	83	95	12	72		n
120	unnamed NW25, 31S, 5W	24	80	6	50	↓	0.1

DUTCHMAN BUTTE 1965

Initials Date
Prepared By TF 3/66
Approved By

	wide		(1) Cu ppm		(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
1	1	Little Doe, SW23, 30S, 7W	.8	40	50	1 50	N	AIF859	025	
2	2	Cookhouse, SW23, 30S, 7W	2.0	100	70	2/2 100	N	AIF860	050	0.1
3	3	Doe Cr. NW35, 30S, 7W	.8	40	50	2/2 100	N	AIF861	050	0.1
4	4	Uncalled, SW22, 30S, 7W	.8	40	30	2/1 50	N	AIF862	025	
5	5	Uncalled, SE21, 30S, 7W	.8	40	30	2/1 50	N	AIF863	025	
6	6	Uncalled, SE21, 30S, 7W	.8	40	30	1 50	N	AIF864	025	
7	7	Buck Cr. NE34, 30S, 7W	.8	40	30	T	N	AIF865	025	
8	8	Polan Cr. SW34, 30S, 7W	.8	40	70	1 50	t	AIF866	025	
9	9	Smith Cr. NE4, 31S, 7W	.8	40	20	T	N	AIF867	025	
10	10	Minnie Cr. SW34, 30S, 7W	.8	40	30	1 50	t	AIF868	025	
11	11	Iron Mtn Cr. NE4, 31S, 7W	.8	40	30	1 50	N	AIF869	025	
12	12	Uncalled, NW4, 31S, 7W	.8	40	50	2/2 100	200 N	AIF870	025	
13	13	Uncalled, NE9, 31S, 7W	1.0	50	30	1 50	N	AIF871	050	0.1
14	14	Table Cr. NW8, 31S, 7W	.8	40	50	N	N	AIF872	025	
15	15	Little Dad Cr. SW8, 31S, 7W	.8	40	50	T	N	AIF873	025	
16	16	Cattle Cr. NW17, 31S, 7W	.8	40	30	1 50	N	AIF874	075	0.1
17	17	Boulder Cr. SE18, 31S, 7W	.8	40	50	T	N	AIF875	050	0.1
18	18	Uncalled, NW19, 31S, 7W	.8	40	30	1 50	N	AIF876	075	0.1
19	19	Union Cr. NW19, 31S, 7W	.8	40	30	1 50	N	AIF877	075	0.1
20	20	Uncalled, SW24, 31S, 8W	.4	20	20	T	N	AIF878	050	0.1
21	21	Short Cr. SW24, 31S, 8W	.8	40	30	1 50	N	AIF879	075	0.1
22	22	Darby Cr. NE26, 31S, 8W	.4	20	15	N	N	AIF880	075	0.1
23	23	Uncalled, NE26, 31S, 8W	.4	20	20	N	N	AIF881	075	0.1
24	24	Dutchman Cr. NW35, 31S, 8W	.8	40	30	1 50	N	AIF882	050	0.1
25	25	Uncalled, NW2, 32S, 8W	.8	40	30	T	N	AIF883	1.25	0.2
26	26	W. Fk. Cow Cr. NW12, 32S, 8W	1.0	50	50	1 50	N	AIF884	075	0.1
27	27	Cow Cr. NW12, 32S, 8W	1.0	50	50	2/2 100	t	AIF885	025	
28	28	Uncalled, NE1, 32S, 8W	0.4	20	30	N	N	AIF886	025	
29	29	Uncalled, NW6, 32S, 7W	0.4	20	20	T	N	AIF887	050	0.1
30	30	Uncalled, SE31, 31S, 7W	0.4	20	20	T	N	AIF888	075	0.1
31	31	Uncalled, SW32, 31S, 7W	0.4	20	20	T	N	AIF889	050	0.1
32	32	Uncalled, SW32, 31S, 7W	0.4	20	20	T	N	AIF890	075	0.1
33	33	Uncalled, SE32, 31S, 7W	2.0	100	100	1 50	t	AIF891	075	0.1
34	34	Uncalled, NW33, 31S, 7W	0.8	40	20	1 50	N	AIF892	1.00	0.2
35	35	Uncalled, NE33, 31S, 7W	0.8	40	20	1 50	N	AIF893	050	0.1
36	36	Uncalled, NW34, 31S, 7W	0.4	20	20	T	N	AIF894	075	0.1
	37									
	38	Abbotte Butte 68	1.0			2	N			
	39									
	40									
		Copper Standard	1.0							

BURROUGHS CORPORATION
FORM 1154

Dutchman Butte 1965

Prepared By: TF Initials Date 3/66
Approved By:

		wide		AA Cu	semiquant Cu	(1) Zn	semiquant Zn	(2) Mo PPM	(3) Hg		
37	1		Cedar Gl. NE34, 31S, 7W	.8 40	50	tr		n	AIF895	0.2	1
38	2		Buck Cr. NW35, 31S, 7W	.4 20	30	tr		n	AIF896		2
39	3		Middle Cr. NE33, 31S, 7W	.8 40	70	2 100	t	n	AIF897	0.15	0.15	3
40	4		Middle Cr. SC[illegible], 32S, 8W	.4 20	50	1 50		n	AIF898	0.50	0.1	4
41	5		Cow Cr. NE34, 31S, 8W	.4 20	30	tr		n	AIF899	0.75	0.15	5
42	6		Cow Cr. NW8, 31S, 7W	.4 20	30	1 50		n	AIF900	050	0.1	6
43	7		Uncalled, NW19, 31S, 7W	.4 20	30	tr		n	AIF901	0.50	0.1	7
44	8		Uncalled, NW35, 31S, 8W	.8 40	30	tr		n	AIF902		0.1	8
45A	9	7	Uncalled, SC10, 32S, 8W	.8 40	50	tr		n	AIF903	025		9
46A	10	2	Uncalled, SW11, 32S, 8W	.8 40	30	tr		n	AIF904			10
47A	11	2	Uncalled, SE23, 32S, 8W	.8 40	30	n		n	AIF905	025		11
48A	12	4	S. Fk. Riffle Cr. NW34, 32S, 8W	.4 20	20	n		n	AIF906			12
49A	13	4	Riffle Cr. NC26, 32S, 8W	.8 40	30	tr		n	AIF907			13
50A	14	4	Uncalled, NE26, 32S, 8W	.8 40	50	1 50		n	AIF908	025		14
51A	15	4	N. Fk. Riffle, SW27, 32S, 8W	1.0 50	50	tr		n	AIF909		0.1	15
52A	16	5	Riffle Cr. NW19, 32S, 7W	.8 40	50	n		n	AIF910			16
53A	17	2	Uncalled, SC19, 32S, 7W	.8 40	70	1 50		5	AIF911	075	0.15	17
54A	18	2	Uncalled, SE19, 32S, 7W	1.5 75	70	tr		n	AIF912	050	0.1	18
55A	19	2	Uncalled, C21, 32S, 7W	1.5 75	50	n		n	AIF913	075	0.15	19
56A	20	3	Benson Gl. NW22, 32S, 7W	1.5 75	70	1 28 50	300	n	AIF914	025		20
57A	21	2	Ping Gl. NE22, 32S, 7W	1.5 75	70	n		n	AIF915			21
58A	22	8	Bear Cr. SW10, 32S, 8W	.8 40	20	n		n	AIF916	025		22
59A	23	2	Uncalled, SW16, 32S, 8W	.4 20	20	n		n	AIF917		0.1	23
60A	24	4	Uncalled, SC16, 32S, 8W	.4 20	20	n		n	AIF918			24
61A	25	3	Uncalled, SE18, 32S, 8W	.4 20	30	n		n	AIF919			25
62A	26	2	Uncalled, NE19, 32S, 8W	.4 20	30	n		n	AIF920		0.1	26
63A	27	2	Uncalled, C19, 32S, 8W	.4 20	20	tr		n	AIF921		0.1	27
64A	28	2	Uncalled, SC19, 32S, 8W	.8 40	30	n		n	AIF922			28
65A	29	2	Uncalled, NE9, 32S, 8W	1.5 75	50	1 50		n	AIF923			29
66A	30	2	Uncalled, NW9, 32S, 8W	1.5 75	50	tr	t	n	AIF924		0.1	30
67A	31	3	Uncalled, NE8, 32S, 8W	.8 40	30	tr		n	AIF925	050	0.1	31
68A	32	2	Honeysuckle, SW4, 32S, 8W	.8 40	70	n	t	n	AIF926	075	0.15	32
69A	33	2	Slotted Pen, NW4, 32S, 8W	.8 40	50	tr	t	n	AIF927		0.1	33
70A	34	2	Hayes Cr. NW5, 32S, 8W	.8 40	50	tr	t	n	AIF928	075	0.15	34
71A	35	4	Uncalled, NE25, 31S, 9W	.8 40	30	tr		n	AIF929	075	0.15	35
72A	36	5	Elk Valley Cr. SE24, 31S, 9W	.8 40	20	tr		n	AIF930	050	0.1	36
	37											37
	38		Collier Butte F-M	2.0		1		n				38
	39											39
	40											40
			Copper Standard	1.0								

Dutchman Butte 1965

Prepared By TF 3/66

Approved By

		wide		(1) Cu		(2) Zn				(3) Mo		(4) Hg		
73A	1	2	U.C. NE19, 31S, 8W	.8	40	70	2	100	t	n	A1F931	1,505	0.2	1
74A	2	3	U.C. NE 19, 31S, 8W	.8	40	70	1	50	t	n	A1F932	075	0.15	2
75A	3	2	U.C. SE 13, 31S, 9W	1.0	50	50	1	50		n	A1F933	050	0.1	3
76A	4	13	Twelvemile Cr. NE35, 30S, 9W	.8	40	30	1	50		n	A1F934	025		4
77A	5	2	U.C. SE26, 30S, 9W	.8	40	30	1	50		n	A1F935	050	0.1	5
78A	6	1	U.C. WC36, 30S, 9W	.4	20	50	1	50		n	A1F936	050	0.1	6
79A	7	3	Dice Cr. NW36, 30S, 9W	.4	20	30	1	50		n	A1F937	025		7
80A	8	2	U.C. SE23, 30S, 9W	.4	20	30	1	50		n	A1F938	050	0.1	8
81A	9	2	Boulder Cr. WC24, 30S, 9W	.4	20	20	tr			n	A1F939	025		9
82A	10	3	Battle Cr., SW13, 30S, 9W	.8	40	30	1	50		n	A1F940	025		10
83A	11	3	Bridge Cr. SW12, 30S, 9W	.8	40	30	1	50		n	A1F941	025		11
84A	12	2	U.C. NE 6, 30S, 7W	.4	20	7	tr			n	A1F942	050	0.1	12
85A	13		Thompson Cr, SW5, 30S, 7W	.8	40	50	1	50		n	A1F943	050	0.1	13
86A	14	1	U.C. SE4, 30S, 7W	1.0	50	30	1	50		n	A1F944	025		15
87A	15	2	U.C. NE4, 30S, 7W	2.0	100	70	1	50		n	A1F945	050	0.1	15
88A	16	5	Thompson Cr, SE4, 30S 7W	1.0	50	50	1	50		n	A1F946	025		16
89A	17	2	U.C. NW8, 30S, 7W	.8	40	30	1	50		n	A1F947	075	0.15	17
90-A	18	3-4	Wildcat Cr., NE18, 30S, 7W	.4	20	20	tr			n	A1F948	025		18
91A	19	2	U.C. SW17, 30S, 7W	.8	40	30	tr			n	A1F949	025		19
92A	20	2	U.C. NW18, 30S, 7W	.8	40	20	tr			n	A1F950	050	0.1	20
93A	21	2	U.C. SW12, 30S, 8W	.8	40	30	1	50		n	A1F951	050	1	21
94A	22	1	U.C. SW11, 30S, 8W	1.0	50	50	1	50		n	A1F952	025		22
95A	23		Olalla, NW18, 30S, 7W	1.0	50	50	1	50		n	A1F953	050	0.1	23
96A	24	2	U.C. NW24, 30S, 8W	.8	40	30	1	50		n	A1F954	075	1	24
97A	25	3	U.C. NW24, 30S, 8W	.8	40	70	1	50		n	A1F955	100	0.2	25
98A	26	2	U.C. NW3, 31S, 8W	.8	40	30	2	100		n	A1F956	050	0.1	26
99A	27	3	U.C. SE3, 31S, 8W	.8	40	30	1	50		n	A1F957	075	0.2	27
100A	28	2	U.C. C11, 31S, 8W	.8	40	20	tr			n	A1F958	1,00	0.2	28
101A	29	2	U.C. C3, 31S, 8W	.6	30	30	1	50		n	A1F959	1.75	0.3	29
102A	30	2	U.C. SE35, 31S, 9W	1.0	50	30	2	100		n	A1F960	050	0.1	30
103A	31		Bobby Cr. SW36, 31S, 9W	.8	40	30	2	100			A1F961	0.25		31
	32													32
	33													33
	34													34
	35		Dutchman Butte #2	2		4								35
	36		Dutchman Butte # 33	2		1								36
	37													37
	38													38
	39													39
	40													40
			Cu Standard	1.0										

GALICE QUAD

MCM No. B1515—12

	Stream	Location Sec.	Twn-Rng		Cu ppm		Semiquant. Spec.		Zn ppm		Mo	Hg	
1	U.C	N½ 10	35S-7W	Tr	80	70	&3		110 150	AIF962	n	t	0.25	1
2	U.C	NW10	35S-7W	S	80 50	70	1		90 50	AIF963	n	t	0.25	2
3	U.C	SE4	35S-7W	Tr	50	n			75	AIF964	n	t	0.25	3
4	U.C	SW4	35S-7W	Tr	50	n			75	AIF965	n	t	0.25	4
5	U.C	S½4	35S-7W	Tr	50	1		t	80 50	AIF966	n	t	0.25	5
6	U.C	NW8	35S-7W	S	50 50	70	&3	t	120 150	AIF967	n	0.15	$0.75	6
7	U.C.	SW7	35S-7W	S	50	70	1	t	50	AIF968	n	0.1	$0.50	7
8	U.C.	NE13	35S-8W	Tr		20	n			AIF969	n	0.4	$2.00	8
9	U.C	SW13	35S-8W	S	50	70	&4		200	AIF970	n	0.2	$1.00	9
10	U.C.	SW13	35S-8W	S	50	70	&3		150	AIF971	n	0.1	$1.25	10
11	U.C	NE23	35S-8W	Tr		70	2	t	100	AIF972	n	0.1	$1.25	11
12	U.C	SE22	35S-8W	Tr		30	1		50	AIF973	n	0.6	$3.00	12
13	China G. ?	NW28	35S-8W	Tr		70	1		50	AIF974	n	0.2	$1.00	13
14	U.C.	NW2	35S-8W	S	50	100	n			AIF975	n	t	.25	14
15	U.C	SW3	35S-8W	Tr		70	n			AIF976	n	0.15	$0.75	15
16	U.C	E½4	35S-8W	Tr		70	n			AIF977	n	0.15	$0.75	16
17	U.C	SE4	35S-8W	Tr		70	n			AIF978	n	0.15	$0.75	17
18	Canfield Gu.	SW4	35S-8W	Tr		100	1		50	AIF979	n	0.1	$0.50	18
19	U.C.	SE5	35S-8W	Tr		50	n			AIF980	n	0.1	$0.50	19
20	U.C	NW5	35S-8W	Tr		70	n			AIF981	n	0.1	$0.50	20
21	Mill G.	NW5	35S-8W	Tr		70	n			AIF982	n	0.15	$0.75	21
22	U.C.	NE6	35S-8W	10	100	100	1		50	AIF983	n	t	$0.25	22
23	U.C.	SE6	35S-8W	S	50	70	n			AIF984	n	t	0.25	23
24	U.C	N½7	35S-8W	S	50	70	n			AIF985	n	t	0.25	24
25	U.C.	NW7	35S-8W	Tr		30	n			AIF986	n	t	0.25	25
26	Rich Gu.	W½ 36	34S-8W	S	50	100	3		150	AIF987	n	t	0.25	26
27	Rocky Gu.	NW 36	34S-8W	S	50	70	3		150	AIF988	n	t	0.25	27
28	Fall G.	SW 34	33S-7W	Tr		70	n			AIF989	n	t	0.25	28
29	Dry G.	E½ 33	33S-7W	Tr		30	n			AIF990	n	t	0.25	29
30	Poorman G.	E½ 33	33S-7W	Tr		30	2		100	AIF991	n	0.1	0.50	30
31	U.C	N½ 33	33S-7W	Tr		70	n			AIF992	n	0.1	$0.50	31
32	Rock G.	SE 32	33S-7W	S	50	70	4		200	AIF993	n	t	0.25	32
33	U.C	SE 31	33S-7W	Tr		30	1		50	AIF994	n	0.15	0.75	33
34	Rab Reuben G.	SE 31	33S-7W	Tr		50	2		100	AIF995	n	t	0.25	34
35	Smith Gu.	NW 12	34S-8W	15	150	100	1		50	AIF996	n	0.3	$1.75	35
36	Mouse G.	SW 12	34S-8W	Tr		50	n			AIF997	n	0.2	$1.00	

Spec. analysis 6/13/66 connected

Semiquant. Spec. 5/66

1966 analysis

1966 analysis ↑

GALICE QUAD

MCM No. B1515—12

		Stream	LOCATION Sec.-Twp.-Rng.	Cu ppm		Zn ppm		Mo ppm		Hg ppm		
37	1	UC	SW12 - 33S - 8W	70	tr	1	50	AIF998	n	0.15	075	1
38	2	Argo G.	NW13 - 34S - 8W	70	tr	n		AIF999	n	0.15	075	2
39	3	S. fork Argo G.	NW13 - 34S - 8W	70	150	1	50	AIG001	0.4	4	0.3	175	3
40	4	Ajax Gu.	SE36 - 33S - 8W	30	tr	n		AIG002	n		4	20	4
41	5	Taylor G.	NW27 - 35S - 8W	100	tr	1	50	AIG003	n		0.3	150	5
42	6	U.C.	SE22 - 35S - 8W	50	tr	1	50	AIG004	n		0.15	075	6
43	7	China G.	NE28, 35S - 8W	50	tr	1	50	AIG005	n		0.2	100	7
44	8	W. Fork Taylor G.	NW28, 35S - 8W	70	tr	1	50	AIG006	0.4	4	0.2	100	8
45	9	China Gl.	SW35 - 33S - 8W	100	tr	n		AIG007	n		0.15	075	9
46	10	Whiskey G.	W½34 - 33S - 8W	100	5	50	n		AIG008	0.4	4	0.2	100	10
47	11	Alder G.	W½33 - 33S - 8W	30	tr	1	50	AIG009	n		0.3	150	11
48	12	Booze G.	W½33 - 33S - 8W	50	tr	n		AIG010	n		0.3	150	12

Galice Quad 1964

Cu filter #54
Zinc MR 1r = 35
2r = 70
Mo Meter reading Zero on H_2O
78 ppm = 27

MCM No. B1515—12

		Location Stream	Sec. Twn - Rng	meter Mr.	Cu PPM	Meter	r	Zn semiquant s/pan	PPM	Meter	1 ppm = 27 Mo PPM	Hg r		
49	1	Zig Zag G.	NW10-35S-7W	~~80~~ ~~105~~ 90	70	105	0	n	n	5	Alh011	t	0.25	1
50	2	Little Zig Zag	NW10-35S-7W	~~80~~ ~~122~~ 90	100	105	0	n	n	5	Alh012	t	0.25	2
51	3	Stratton G.	SW32-34S-7W	~~90~~ ~~122~~ 95	70	120	70	2	tr 100	0	Alh013	t	0.25	3
52	4	E.fk. Stratton	W½33-34S-7W	~~95~~ ~~100~~ 90	100	126	50	1.5	tr 75	0	Alh014	t	0.25	4
53	5	E fk Stratton	NE 33-34S-7W	80	150	105	25	.75	tr tr	0	Alh015	t	0.25	5
54	6	E fk Stratton	NE 33-34S-7W	~~85~~ 80	150	112	65	2	tr 100	5	Alh016	t	0.25	6
55	7	Stratton G.	NE 32-34S-7W	60	70	80	20	.6	tr	0	Alh017	t	0.25	7
56	8	Taylor G.	NE 7-35S-7W	60	70	80	15	n	tr	0	Alh018	t	0.25	8
57	9	UC	SW 7-35S-7W	75	100	100	25	.75	tr	0	Alh019	t	0.25	9
58	10	UC	W½ 18-35S-7W	65	70	87	20	.6	tr	0	Alh020	n	0	10
59	11	Burned Timber G.	C 23-35S-8W	65	70	87	65	2	100	0	Alh021	0.1	0.50	11
60	12	Taylor G.	E½ 13-35S-8W	65	70	87	45	1.5	200 75	0	Alh022	0.1	0.50	12
61	13	Rocky Gulch	SW 23-34S-8W	70	70	93	0	n	n	0	Alh023	n	0	13
62	14	N. Fk Rocky Gl.	C 23-34S-8W	120	100	160	10	n	n	0	Alh024	0.1	0.50	14
63	15	Dry Trib. Rocky G.	SE 23-34S-8W	81	100	107	0	n	n	0	Alh025	0.1	0.50	15
64	16	Hooks Gulch	N½ 25, 34S-8W	69	150	92	210	2	500 300	0	Alh026	0.3	1.50	16
65	17	Dry Gl.	SE 24-34S-8W	64	100	86	0	n	n	0	Alh027	0.1	0.50	17
66	18	Yew Wood G.	SW 13-34S-8W	126	200	166 170	115		300 160	5	Alh028	0.2	1.0	18
67	19	Bailey G.	SW 13-34S-8W	65	100	87	0	n	n	0	Alh029	0.15	0.75	19
68	20	UC.	NE 2-35S-8W	60	70	80	35	1	50	0	Alh030	0.15	0.75	20
69	21	Blanchard Gl.	NE 3-35S-8W	55	100	73	0	n	n	0	Alh031	t	0.25	21
70	22	N. Fk Galice G.	SE 3-35S-8W	55	50	73	170		240	4	Alh032	t	0.25	22
71	23	UC	NE 10-35S-8W	70	70	93	~~85~~		125	5	Alh033	0.1	0.50	23
72	24	Sailor Jack	NW 10-35S-8W	63	50	84	0	n	n	0	Alh034	t	0.25	24
73	25	UC	NW 15-35S-8W	66	50	88	35	1	50	0	Alh035	0.15	0.75	25
74	26	Tin Can Gl.	NE 16-35S-8W	62	70	83	0	n	n	0	Alh036	0.1	0.50	26
75	27	Galice G.	NE 16-35S-8W	49	30	65	0	n	n	0	Alh037	t	0.25	27
76	28	UC.	NW 16-35S-8W	70	70	93	15	n	n	0	Alh038	0.1	0.50	28
77	29	Chieftain	W½ 16-35S-8W	40	50	52	0	n	n	0	Alh039	0.1	0.50	29
78	30	UC	SW 16-35S-8W	64	50	85	15	n	n	0	Alh040	0.1	0.50	30
79	31	Galice G.	SW 16 35S-8W	40	30	52	0	n	n	0	Alh041	n	0	31
80	32	UC	N½ 19-35S-8W	50	20	67	0	n	n	0	Alh042	t	0.25	32
81	33	UC	SW 18-35S-8W	51	30	68	10	n	n	0	Alh043	0.1	0.50	33
82	34	UC	SW 18-35S-8W	53	30	71	0	n	n	0	Alh044	t	0.25	34
83	35	UC	NW 18-35S-8W	63	70	84	0	n	n	0	Alh045	0.15	0.75	35
84		Upper Galice	NW 18-35S-8W	50	50	67	0	n	n	0	Alh046	0.1	0.50	sk

using 22 big. filter #54 1100ppm standard MR reading 65

McM No. B1515-12

	Cold ex		
Repeat Analysis	Mg	Cu ppm	ppm
#66 Yew Wood Cr.	98	166	8
93 Trib to Howard Cr.	143	242	+30
95 Howard Cr.	59	100	8
106 West Trib to Rocky Cr.	55	93	
110 West Trib to Ruben Cr.	75	127	
149 UC.	44	75	
162 North Fk Silver Cr.	118	200	

GALICE QUAD 1964

Standard Mo 7ppm = [illegible] of 27
filter # 54 Zn 27 = 7

MCM NO. 81515—12

		Stream	Location Sec. Twp. Rng		Cu ppm	Meter	Zn	PPM	Mo ppm	Ag	
85	1	Lower Galice C.	SW 36-34S-8W	0.4	40	30	30	50	[illegible]	0.15	0.75 1
86	2	U. Howard C.	SE26-34S-9W	0.4	40	40	50	60	[illegible]	0.1	0.50 2
87	3	Trib. Howard C.	SE 26-34S-9W	0.4	40	0	30	n	[illegible]	0.15	0.75 3
88	4	Trib to Howard C.	Wedge 25-34S-9W	0.4	40	0	30	n	[illegible]	0.15	0.75 4
89	5	Trib. Howard C.	NW25-34S-9W	0.4	40	0	50	n	[illegible]	0.15	0.75 5
90	6	Trib. Howard C.	N½25-34S-9W	0.4	40	80	50	114	[illegible]	0.2	1.0 6
91	7	Howard C.	NE25-34S-9W	0.4	40	0	50	n	[illegible]	0.1	0.50 7
92	8	Trib Howard C.	NE25-34S-9W	0.4	40	0	70	n	[illegible]	0.1	0.50 8
93	9	Trib Howard C.	SE24-34S-9W	4	14 242	0	200	n	[illegible]	0.2	1.50 9
94	10	Trib. Howard C.	SE24-34S-9W	0		0	30	n	[illegible]	t	0.25 10
95	11	Howard C.	SW19-34S-~~9W~~ 8W	~~0.8~~ 1.5		100	0	70	n	[illegible]	0.1 0.50 11
96	12	Trib Howard C.	NW 19-34S-~~9W~~ 8W	0.4	40	0	30		0	[illegible]	t 0.25 12
97	13	Trib Howard C.	SW 18-34S-8W	0.4	40	0	30		0	[illegible]	t 0.25 13
98	14	Howard C.	NW 18, 34S-8W	0.4	40	0	70		0	[illegible]	0.1 0.50 14
99	15	Howard C.	NW 18, 34S-8W	0.4	40	0	50		0	[illegible]	t 0.25 15
100	16	Lower Anna C. Trib	C 18-34S-8W	0.4	40	0	30		0	[illegible]	0.1 0.50 16
101	17	Lower Anna C.	C 18-34S-8W	0.2	20	0	50		0	[illegible]	0.15 0.75 17
102	18	Anna Cr. Missing	~~SW 19-34S-8W~~								18
103	19	~~Upper Trib Anna C.~~ Anna Cr.	~~NE 19-34S-8W~~ SW 17-34S-8W	0.8	80	0	50		0	[illegible]	0.1 0.50 19
104	20	~~W. Trib Rocky Gl.~~ Upper Trib Anna C	~~NE35-34S-8W~~ NE 19-34S-8W	0.8	80	0	70		5	[illegible]	0.3 1.0/1.0/1.5 20
105	21	W. Trib Rocky Gl.	NE35-34S-8W	0.8	80	0	50	t	0	[illegible]	0.15 0.75 21
106	22	W Trib Rocky Gl.	NE27-34S-8W	1.5	55 93	0	70		0	[illegible]	0.15 0.75 22
107	23	Rocky Gl.	NW 36-34S-8W	0.4	40	0	70		5	[illegible]	0.1 0.50 23
108	24	Rum Cr.	SE9-34S-8W	0.4	40	0	30		0	[illegible]	0.1 0.50 24
109	25	E Trib Rum C.	E½9-34S-8W	0.2	20	0	50		0	[illegible]	0.1 0.50 25
110	26	W Trib Reuben C.	E½25-33S-8W	1.5	75 127	0	70		0	[illegible]	0.15 0.75 26
111	27	Reuben Cr.	NW 30-33S-7W	0.2	20	0	50		0	[illegible]	0.1 0.50 27
112	28	W. Trib. Rock C.	C 29-33S-7W	0.2	20	0	50		0	[illegible]	0.15 0.75 28
113	29	W. Trib Poorman C.	NE33-33S-7W	0.2	20	0	30		0	[illegible]	t 0.25 29
114	30	E Trib. Poorman C.	NW34-33S-7W	0.4	40	0	70	t	0	[illegible]	0.3 1.5 30
115	31	Poorman C.	NW27-33S-7W	0.2	20	0	70		0	[illegible]	0.3 1.5 31
116	32	W. Trib Poorman C.	NW27-33S-7W	0.2	20	0	50		0	[illegible]	0.1 0.50 32
117	33	W. Trib Poorman C.	NW27-33S-7W	0.2	20	0	50		0	[illegible]	0.6 3.0/3.5/2.5 33
118	34	E. Trib Poorman C.	NE27-33S-7W	0.2	20	0	70		0	[illegible]	90.2 1.25 34
119	35	W. Trib Poorman C.	SE22-33S-7W	0.2	20	0	50		0	[illegible]	0.8 3.0/3.0/4.0 35
120		E. Trib. Poorman C.	SE22-33S-7W	0.2	20	0	70	t	0	[illegible]	0.4 2.0 1.5

Galice Quad 1964

Cu - Zeiss in H2O filter #66 Zeiss Water
Mo - filter #66 Zeiss Water
Zn - filter #54, 100 ppm = 350

MCM No. B1515—12

		Location Stream	Sect-Twn-Rng	Cu				Zn	Mo				
									ppm	ppm=58	ppm	Hg	
121	1	W. Trib Boorman C.	SE 22-33S-7W	67	50	77	170		tr	25	0.1	0.50	1
122	2	E. Trib Boorman C.	SE 22 33S-7W	65	50	75	170		Tr	28	0.15	0.75	2
123	3	Boorman C.	SE 22-33S-7W	78	70	86	310/250		160/120	30	0.15	0.75	3
124	4	Grave C.	E side 3-34S-7W	89	50	103	90		tr	30	0.1	0.50	4
125	5	Lower Butte C.	SE 3-34S-7W	59	50	68	90		tr	30	0.1	0.50	5
126	6	Butte C.	N½ 10-34S-7W	60	70	69	90		tr	30	0.2	1.0	6
127	7	W. Trib Butte C.	NE 10-34S-7W	71	70	82	110		tr	36	0.2	1.0	7
128	8	U.C.	NE 3-34S-7W	70	50	80	90		tr	30	0.1	0.50	8
129	9	McKnabe C.	NE 5-34S-7W	68	50	78	90	tr	tr	30	0.1	0.50	9
130	10	McKnabe C.	NW 9-34S-7W	94	50	108	130		tr	36	0.1	0.50	10
131	11	W. Trib McKnabe	NW 9-34S-7W	66	50	76	120		tr	35	0.1	0.50	11
132	12	Trib Grave C.	NW 6-34S-7W	48	30	57	90	(Mo Spar shown mud)	tr	42	0.2	1.0	12 SK
133	13	Drain C.	S½ 22-33S-8W	65	150	75	66		n	33	0.2	1.0	13
134	14	Whisky C.	SE 22-33S-8W	66	50	65	75		tr	33	0.15	0.75	14 SK
135	15	E. Fk Whisky C.	C 22-33S-8W	46	70	53	70		tr	32	0.15	0.75	15
136	16	Trib, W. Fk Whisky	SE 9-33S-8W	59	50	67	85		tr	28	0.3	1.5/2.25	16 SK
137	17	W Fk. Whisky C.	SW 9-33S 8W	62	30	72	62		n	30	0.15	0.75	17
138	18	W trib W. Fk. Whisky	SW 9-33S-8W	45	30	52	70		tr	26	0.2	1.0	18
139	19	W. Fk Whisky C.	SE 30-33S-8W	50	30	58	60		n	36	0.3	1.5/2.0	19 SK
140	20	Bunker C.	NW 30-33S-8W	81	70	94	125		tr	36	0.15	0.75/1.25	20
141	21	W. Trib Bunker	NE 25-33S-9W	83	70	96	125		50	36	0.3	1.5/1.75	21
142	22	U.C.	NE 6-35S-7W	61	50	70	125		50	34	0.15	0.75	22 SK
143	23	U.C.	NE 36-34S-8W	50	50	58	95		tr	33	0.15	0.75	23 SK
144	24	Ash Gl.	SW 19-34S-7W	53	70	61	95		tr	34	0.15	0.75	24
145	25	Centennial Gl.	SW 18-34S-7W	53	50	61	95	tr	tr	36	0.1	0.50	25
146	26	U.C.	NE 12-34S-8W	53	50	61	55		n	36	0.15	0.75	26 SK
147	27	U.C.	SE 1-34S-8W	67	50	77	80		tr	30	0.1	0.50	27
148	28	U.C.	NW 2-34S-8W	60	70	69	60		n	30	0.15	0.75	28 SK
149	29	U.C.	SE 34-33S-8W	65	70	75	200/180		110/95	30	0.15	0.75	29 SK
150	30	U.C.	SE 34-33S-8W	77	70	89	50		n	30	0.2	1.0	30
151	31	Rum C.	SW 34-33S-8W	63	30	73	60		n	25	0.15	0.75	31 SK
152	32	U.C.	SE 33-33S-8W	54	70	62	0		n	25	0.2	1.0	32 SK
153	33	U.C.	SW 33-33S-8W	36	20	42	50		n	15	0.2	1.5	33 SK
154	34	Wild Cat C.	SW 32-33S-8W	51	50	59	50		n	25	0.2	1.0	34 SK
155	35	Russian C.	SW 32-33S-8W	41	70	47	70		tr	35	0.3	1.5	35 SK
156	36	Montgomery C.	NW 5-34S-8W	52	70	60	85		tr	35	0.3	1.5	36 SK

GALICE QUAD 1964

Cu Standard digestion
0 on water with #54 filter
MR 750 on 1000 ppm standard
Mo standard 7 ppm – MR 52

MCM No. B1515—T2

		Location Stream	Sect-Tcon-Rng		Cu PPM			Zn PPM	Mo 7ppm=52	ppm		
157	1	Howard C.	NE6-34S-8W	52	70	76	1	n	<30	AG118	0.3	1.5	1
158	2	U.C	NE1-34S-9W	65	70	95	3	150	<30	AG119	0.4	2.5/3.25/2.0	2
159	3	Bronco C.	NE1-34S-9W	36	50	52	1	n	<30	AG120	0.5	2.5/2.75	3
160	4	Big Windy C.	NE2-34S-9W	42	70	61	n	n	<30	AG121	0.15	0.75	4
161	5	Bunker C.	SE36-33S-9W	42	10	61	n	n	<30	AG122	0.15	0.75	5
162	6	N.Fk Silver	NE15-35S-9W	100	118/200	200/146	n	n	<30	AG123	0.2	1.0	6
163	7	Cedar Swamp C.	NW14-35S-9W	50	70	73	n	n	<30	AG124	0.15	0.75	7
164	8	N.Fk Silver C.	NE11-35S-9W	67	100	97	n	n	<30	AG125	0.5	3.9/2.25	8
165	9	Cedar Swamp C.	SE14-35S-9W	52	30	46	n	n	<30	AG126	0.1	0.50	9
166	10	Trib. N.Fk Silver	NE11-35S-9W	56	30	82	n	n	<30	AG127	0.1	0.50	10
	11												11
	12												12
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	29												29
	30												30
	31												31
	32												32
	33												33
	34												34
	35												35

Sampling start / Cu

Duplicate Samples of 1964 Anomalies

McM No. B1515-12

	Collected 1965	Cu	Zn
1	35	0.4	1-
2	39	3	T
3	64	1.5	1
4	66	3	1
5	yew wood - Southern gulch	1.5	1
6	110	3	T
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GLENDALE QUAD

MCM No. B1515—12

	STREAM NAME	LOCATION Sec	Twn	Rng		Cu ppm	Zn ppm		Mo ppm	Hg ppm	
1	RAT CR.	NW¼4	34S	6W	25½	5	1 70	50	AIG128 n	4 0.15	S075 1
2	E. FK RAT C	NW¼4	34S	6W	25½	5	1 70	50	AIG129 n	0.1	050 2
3	RAT CR	SW¼4	34S	6W	25½	5	1 70	50	AIG130 n	t	.25 3
4	RAT CR	C¼4	34S	6W	25½	5	5 70	250	AIG131 0.4	t	.025 4
5	SALMON CR	NE¼2	34S	6W	25½		2 70	th 100	AIG132 n	t	.025 5
6	W. FK. SALMON	NE¼2	34S	6W	25½	5	n 70		AIG133 0.2	2 0.15	.075 6
7	UC	NE¼4	34S	6W	25½	5	n 70	th	AIG134 n	0.1	050 7
8	WHISKEY GL.	NE¼4	34S	6W	25½	5	n 70		AIG135 n	t	025 8
9	UC	SW¼4	33S	6W	25½	5	n 70		AIG136 n	t	025 9
10	MACKIN GL.	SE¼4	34S	6W	25½	5	n 70		AIG137 n	n	000 10
11	MILL CR.	NW¼6	34S	6W	25½	5	n 70		AIG138 n	t	025 11
12	DOG CR	SW¼6	34S	6W	th		n 70		AIG139 n	t	025 12
13	FLUME CR	SW¼5	34S	6W	25½	5	n 70		AIG140 n	t	025 13
14	BRIMSTONE GU.	NE¼8	34S	6W	25½	5	2 70	100 100	AIG141 n	0.1	050 14
15	W. FK BRSTONE GU.	NE¼8	34S	6W	25½	5	1 50	50	AIG142 n	0.2	S100 15
16	E. FK "	NE¼8	34S	6W	25½	5	n 50		AIG143 n	0.2	S100 16
17	BRIMSTONE GU	SE¼7	34S	6W	25½	5	n 70		AIG144 n	0.1	050 17
18	BRUSHY GU	NE¼6	34S	6W	25½	5	n 70		AIG145 n	0.2	S100 18
19	TOM EAST CR	SE¼1	34S	6W	25½	5	1 70	50	AIG146 n	0.2	S125 19
20	WOLF CR	C¼36	33S	7W	25½		n 20		AIG147 n	0.2	S125 20
21	UC	NE¼36	33S	7W	25½	5	n 50		AIG148 n	0.1	S050 21
22	HUGHES GU	SE¼25	33S	7W	25½	5	3 30	th 150	AIG149 n	0.1	050 22
23	WATER TANK GU	NW¼30	33S	6W	25½	5	n 30		AIG150 n	t	025 23
24	RAMSEY GU	NW¼20	33S	6W	25½	5	n 30		AIG151 n	0.15	S075 24
25	COON CR	W½21	33S	6W	25½	5	n 30		AIG152 n	0.1	050 25
26	FARMERS GU.	1617	33S	6W	25½	5	n 30		AIG153 n	0.1	050 26
27	UC	N½15	33S	6W	25½	5	n 30		AIG154 n	0.1	050 27
28	UC	NW¼4	33S	6W	25½	5	n 30		AIG155 n	t	025 28
29	UC	SE¼22	33S	6W	25½	5	1 50	50	AIG156 n	t	025 29
30	UC	SW¼23	33S	6W	25½	5	2 70	100	AIG157 n	t	025 30
31	ELK CR	NE¼9	35S	6W	th		2 n 20		AIG158 0.8	8 t	025 31
32	AVERY GU	NW¼3	35S	7W	501	10	1 70	50	AIG159 n	0.1	050 32
33	BROCKMAN GU.	NE¼4	35S	7W	501	10	2 70	100	AIG160 n	0.2	S1.00 33
34	HOG CR.	SW¼1	35S	7W	t		n 50		AIG161 n	t	025 34
35	BUMMER CR.	SW¼5	35S	6W	th		n 10		AIG162 n	t	025 35
36	UC	C¼6	35S	6W	25½	5	n 30		AIG163 n	t	025

MCM No. B1515-12

repeat analysis on new sample from previous location

	Cu	Zn	Mo
#31 Elle Creek	46ppm	n	7ppm

Spec of water residue shows nil on Mo
1.5 liter water used

GLENDALE QUAD

McM No. B1515—12

		Stream	Location Sec	Twn.	Rng.		Cu ppm		Zn ppm		Mo ppm		Hg ppm	
37	1	U.C	SE36	34S -	7W	½	50	tr	A1G164	n	0.15	0075	1
38	2	UC	NE36	34S -	7W	tr	70	n	A1G165	n	t	025	2
39	3	UC	NE36	34S -	7W	½	50	70 n	A1G166	n	0.1	0050	3
40	4	Quartz Cr.	SE25	34S -	7W	½	50	70 tr	A1G167	n	0.1	050	4
41	5	Tunnel Cr.	SW29	34S -	7W	tr	50	n	A1G168	n	0.1	050	5
42	6	UC	C28	34S -	6W	tr	15	tr n	A1G169	n	t	025	6
43	7	Bummer Cr.	SW27	34S -	6W	½	50	50 tr n	A1G170	n	t	025	7
44	8	Breakdown Cr.	NW36	34S -	6W	½	50	20 tr	A1G171	n	t	025	8
45	9	Shorthorn Gu.	NW31 -	34S -	5W	n	20	tr n	A1G172	n	t	025	9
46	10	Jack Cr.	NE 32 -	34S -	5W	tr	50	n	A1G173	n	n	000	10
47	11	Horse Cr.	SW29 -	34S -	5W	½	50	50 n	A1G174	n	n	000	11
48	12	Water Branch	NW3 -	35S -	5W	½	50	50 n	A1G175	n	t	025	12
49	13	Jumpoff Joe Cr.	NW4 -	35S -	5W	tr	30	n	A1G176	n	t	025	13
50	14	Cove Cr.	NW9 -	35S -	5W	½	50	50 n	A1G177	0.1	t	025	14
51	15	Cove Cr.	NW9 -	35S -	5W	½	50	70 tr	A1G178	0.2	0.1	5050	15
52	16	UC	SW9 -	35S -	5W	tr	50	n	A1G179	n	t	025	16
53	17	Morris Cr.	SE21 -	35S -	5W	½	50	70 n	A1G180	n	t	025	17
54	18	Louse Cr.	NE28 -	35S -	5W	tr	50	n	A1G181	n	t	025	18
55	19	Soldier Cr.	NW30 -	35S -	5W	½	50	50 n	A1G182	n	t	025	19
56	20	Burgess Gu.	SE12 -	34S -	5W	½	50	100 n	A1G183	0.2	0.1	050	20
57	21	Shanks Cr.	SW7 -	34S -	5W	½	50	70 tr	A1G184	n	t	025	21
58	22	Benjamin Gu.	SE7 -	34S -	5W	tr		50 n	A1G185	n	t	025	22
59	23	Tom East Cr.	W½8 -	34S -	5W	½	50	70 1	A1G186	n	0.2	5100	23
60	24	Quartz Mill Gu.	NE 9 -	34S -	5W	½	50	70 n	A1G187	n	0.1	050	24
61	25	UC	NW10 -	34S -	5W	tr		70 n	A1G188	n	t	025	25
62	26	UC	NW11 -	34S -	5W	1	100	100 n	A1G189	n	t	025	26
63	27	Eastman Gu.	N½2	34S -	5W	½	50	70 n	A1G190	n	t	025	27
64	28	Kennedy Gu.	SW24 -	33S -	6W	tr		50 n	A1G191	n	n	000	28
65	29	Foley Gu	SW19 -	33S -	5W	tr		50 n	A1G192	n	t	0.25	29
66	30	Robinson Gu	SW20 -	33S -	5W	tr		50 n	A1G193	n	t	0.25	30
67	31	Miller Gu.	NW29 -	33S -	5W	tr		50 n	A1G194	n	0.15	5075	31
68	32	UC	NW29 -	33S -	5W	½	50	50 n	A1G195	n	0.15	075	32
69	33	UC	SW21 -	33S -	5W	tr		50 n	A1G196	n	t	025	33
70	34	Post Gu.	SE21 -	33S -	5W	tr		30 n	A1G197	n	0.1	050	34
71	35	UC	SE21 -	33S -	5W	n		30 n	A1G198	n	t	025	35
72	36	Sourdough Gu.	SW12 -	33S -	5W	½	50	50 n	A1G199	n	t	025	

GLENDALE QUAD

MCM No. B1515—12

			Sec	Twn.	Rng.		Cu PPM				Mo PPM	Hg		
73	1	Board Tree Cr.	SW	7	33S-5W	70	tr		n		Alh200	n	t	0.25
74	2	LEUENS Gu.	SE	8	33S-5W	100	5	50	n		Alh201	n	t	025
75	3	Stage Coach Gu.	NW	13	33S-6W	100	5	50	n		Alh202	n	t	025
76	4	Windy Cr.	SW	33	32S-6W	70	tr		n		Alh203	n	t	025
77	5	Mc Cullough Cr.	SE	31	32S-6W	70	5	50	tr	tr	Alh204	n	0.1	050
78	6	Totter Cr.	SW	31	32S-6W	100	5	50	n		Alh205	n	t	025
79	7	Pickett Cr.	NW	26	35S-7W	70	5	50	tr		Alh206	n	0.15	075
80	8	Little Pickett Cr.	SW	23	35S-7W	50	5	50	tr		Alh207	n	t	025
96	49													
~~81~~	10	~~UC~~	~~N½ 8~~	~~35S~~	~~6W~~									
81	11	UC	NE	17	35S-6W	20		50	tr		Alh208	n	t	0.25
82	12	UC	N½	8	35S-6W	70		55	tr		Alh209	n	0.1	Sma 50
83	13	Ewe Cr.	NW	29	35S-6W	10		70	n		Alh210	n	t	0.25
	14													
	15													
	16													
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	35													

Gold Beach Quad

	Initials	Date
Prepared By		
Approved By		

	Width		(1) Cu PPM	(1) Cu MR	(2) Zn MR	(3) Mo	(4) Hg PPM
1	4'	Glade Cr. N½ 23, T38S, R14W	55 70 40	100	250 n	A1h211	0.15
2		UC. S. Trib Pistol R. N½ 23, 38S, 14W	70 70 50	160	400 n	A1h212	t
3	4'	Deep Cr. S½ 14, 38S, 14W	40 70 30	170	425 n	A1h213	0.4
4	3'	Crook Cr. NW 20, 38S, 14W	40 70 30	85	220 n	A1h214	.25
5	6'	Myers Cr. C7, 38S, 14W	30 70 25	95	240 n	A1h215	1.0
6	4'	N. Trib Myers Cr. NE7, 38S, 14W	50 70 35	95	240 n	A1h216	n
7	3'	S. Trib Hunter Cr. NW28, 37S, 14W	55 70 40	150	375 n	A1h217	0.1
8	4'	Conn Cr. C21, 37S, 14W	40 70 30	95	240 n	A1h218	t
9	15'	Hunter Cr. NW27, 37S, 14W	50 50 35	90	230 n	A1h219	n
10	6'	Big So. Fk Cr. EC27, 37S, 14W	65 70 45	85	220 n	A1h220	0.15
11	3'	Little S. Fk Cr. WC21, 37S, 14W	40 50 30	85	220 n	A1h221	n
12	5'	Indian Cr. SE30, 36S, 14W	55 70 40	80	210 n	A1h222	n
13	8'	Saunders Cr. C21, 36S, 14W	65 70 45	80	210 n	A1h223	n
14	10'	Jim Hunt Cr. NE15, 36S, 14W	55 70 40	115	290 n	A1h224	0.1
15	8'	Kimball Cr. S½ 1, 36S, 14W	70 70 50	90	230 n	A1h225	n
16	5'	Libley Cr. NW1, 36S, 14W	55 70 40	80	210 n	A1h226	t
17	3'	UC. N. Trib Rogue R. S½ 2, 36S, 14W	55 70 40	80	210 n	A1h227	n
18	4'	Squaw Cr. SE9, 36S, 14W	20 30 35	80	200 n	A1h228	t
19	3'	Edison Cr. NW8, 36S, 14W	50 60 35	90	230 n	A1h229	n
20	3'	UC. N. Trib Rogue NE37, 36S, 14W	40 50 30	90	230 n	A1h230	n
21	4'	UC. Trib Pistol R. N½ 9, 38S, 13W	65 70 45	85	220 n	A1h231	n
22							
23							
24							
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38							
39							
40							
		Cu/Zn Standard		70	250		55

Significant Spec.

BURROUGHS CORPORATION — TODD COMPANY DIV. — L Form H551

Gold Beach 1967

	Initials	Date
Prepared By		
Approved By		

				(1) Cu MR		PPM	(2) Zn MR	PPM	(3) Mo		(4) Hg 2nd Run PPM		
22	10'	Hunter Cr.	NW18, 37S, 13W	15	30	20	70				t	n	1
23	4'	N. Trib Hunter C.	NW18, 37S, 13W	10	5	15	20				0.1	n	2
24	3'	S. Trib Hunter	NW18, 37S, 13W	15	20	20	20				t	n	3
25	3'	N. Trib Hunter	NW13, 37S, 14W	30	30	50	40				t	t	4
26	2'	So. Trib Hunter	NE14, 37S, 14W	25	20	45	55			5+	t	t	5
27	2'	N. Trib Hunter	NW14, 37S, 14W	30	30	50	55				t	n	6
28	15'	N. Fk Hunter	NW14, 37S, 14W	50	30	80	100				t	n	7
29	1'	W. Trib Hunter	NE15, 37S, 14W	30	30	50	60				t	n	8
30		W. Trib Hunter	NE15, 37S, 14W	30	30	50	90			3+	t	t	9
31	2'	E. Trib Hunter	SE14, 37S, 14W	50	100	80	130				n	n	10
32	2	E. Trib Hunter	NE23, 37S, 14W	40	30	65	70				n	n	11
33		E. Trib Hunter	SW4, 37S, 13W	55	50	90	100				n	n	12
34		Hunter Cr.	SW4, 37S, 13W	35	20	55	90				0.1	n	13
35	3'	W. Trib Hunter	SE5, 37S, 13W	45	50	75	70	Tr			t	n	14
36	3'	W. Trib Little So Fk	SW27, 37S, 14W	45	70	75	80				1.2	0.2	15
37	6'	Little So. Fork	NW34, 37S, 14W	35	50	55	70				t	n	16
38	3'	E. Trib So. Fork	NW36, 37S, 14W	30	30	50	40				n	n	17
39	3'	Big South Fork	NW36, 37S, 14W	35	30	55	100				t	n	18
40	4'	E Trib Big So. Fk	SW26, 37S, 14W	65	50	105	90	200			n	n	19
41	6'	W. Trib N. Fk Pistol	NE32, 37S, 13W	35	20	55	75	Tr			t	n	20
42	10'	No Fk Pistol	NE32, 37S, 13W	45	30	75	100	Tr			n	n	21
43	3'	W. Trib No. Fk	SW32, 37S, 13W	50	70	80	70				n	n	22
44	1	E. Trib No. Fk.	NE5, 37S, 13W	40	30	65	90	tr			n	n	23
45	2'	W. Trib No Fk	NW8, 38S, 13W	80	100	130	110	tr		3+	n	n	24
46	2'	W. Trib No Fk	SE7, 38S, 13W	45	30	75	100	Tr			n	n	25
26		Standard (55 ppm Cu) (140 ppm Zn)		35		55	140						26
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BURROUGHS CORPORATION — TODD COMPANY DIV. — L Form H554

GOLD HILL QUAD

2/10/64

MCM No. B1515—12

	Stream	Location Sect-Twn. Rng	Cu ppm		Zn			Mo ppm		Hg ppm	
1	Williams G.	S½1-38S-5W	15	tr		n	Alh232	n		n	1
2	Miller G.	NW36-37S-5W	50	tr		n	Alh233	n		t	0.25 2
3	Rocky G.	NE36-37S-5W	20	tr		n	Alh234	n		t	0.25 3
4	Miners G.	40-37S-~~5W~~ 4W	20	tr		n	Alh235	n		t	0.25 4
5	Caris G.	40-37S-~~5W~~ 4W	15	tr		n	Alh236	n		t	0.25 5
6	U.C.	SE31-37S-4W	50	~~5~~	50	n	Alh237	n		t	0.25 6
7	U.C.	SE31-37S-4W	30	tr		n	Alh238	n		0.1	0.50 7
8	Slagle G.	NW5-38S-4W	20	tr		n	Alh239	n		0.1	0.50 8
9	U.C.	SW8-38S-4W	150	~~5~~	50	n	Alh240	0.4	4	0.8	4.0/4.5 9
10	U.C.	SW3-38S-3W	15000	tr	42	n	5000 Alh241	n		0.2	1.0 10
11	U.C.	SW3-38S-3W	50	tr		n	Alh242	n		t	0.25 11
12	U.C.	N½4-38S-3W	70	~~5~~	50	n	Alh243	n		t	0.25 12
13	Oregon Belle G.	SW5-38S-3W	70	tr		n	Alh244	0.4	4	0.4	2.0/2.0 13
14	U.C.	SW5-38S-3W	50	tr		n	Alh245	0.4	4	0.4	2.0 14
15	U.C.	SE32-37S-3W	70	~~5~~	50	n	Alh246	n		0.1	0.5 15
16	Forest G.	W½32-37S-3W	50	tr		n	Alh247	n		0.2	1.0 16
17	U.C.	W½17-37S-3W	50	tr		n	Alh248	n		t	0.25 17
18	Ferris Gl.	S½17-38S-4W	70	~~5~~	50	n	Alh249	n		n	0 18
19	U.C.	NE14-38S-4W	100	~~5~~	50	n	Alh250	n		n	0 19
20	Humbug G.	E½2-38S-4W	7	tr		n	Alh251	n		n	0 20
21	U.C.	N½10-38S-4W	70	tr		n	Alh252	n		n	0 21
22	U.C.	NW11-38S-4W	70	~~5~~	50	n	Alh253	0.4	4	n	0 22
23	Poormans G.	SE11-38S-3W	50	tr		n	Alh254	n		0.1	0.5 23
24	U.C.	C35-36S-3W	70	tr		n	tr Alh255	0.4	4	t	0.25 24
25	Kane G.	C35-36S-3W	20	tr		n	Alh256	n		0.15	0.75 25
26	L. Savage G.	SE30-36S-4W	100	~~5~~	50	n	Alh257	n		0.2	10 26
27	U.C.	NW31-36S-4W	50	~~5~~	50	n	Alh258	n		0.1	0.5 27
28	U.C.	SW31-36S-4W	70	~~5~~	50	n	Alh259	n		0.15	0.75 28
29	Savage G.	SW31-36S-4W	70	tr		n	Alh260	n		0.1	0.5 29
30	Shefflein Gl.	W½27-36S-4W	70	tr		n	Alh261	n		t	0.25 30
31	Birdseye Cr.	N½3-37S-4W	50	tr		n	Alh262	n		t	0.25 31
32	U.C.	N½3-37S-4W	50	tr		n	Alh263	n		t	0.25 32
33	U.C.	W½2-37S-4W	100	~~5~~	50	n	Alh264	n		0.15	0.75 33
34	U.C.	SE10-37S-4W	50	tr		n	Alh265	n		t	0.25 34
35	U.C.	NE15-37S-4W	50	~~5~~	50	n	Alh266	n		0.1	0.5 35
36	U.C.	SE15-37S-4W	50	~~5~~	50	n	Alh267	n		t	0.25

GOLD HILL QUAD

2/64

MCM No. BT515—12

		LOCATION		Cu		Zn		Mo		Ag	
		Stream	Sect-Twsp-Rng	semiquant 1-ppm	corrected 5/13/65 ppm Cu	ppm		ppm		ppm	
37	1	Rl. Fork Foots G.	NE27-37S-4W	70	50	n	A1h268	n	t	0.25	1
38	2	U.C.	NE27-37S-4W	70	50	tr	A1h269	n	t	0.25	2
39	3	U.C.	NW12-37S-4W	50	50	n	A1h270	n	t	0.25	3
40	4	M.fk. Foots G.	C15-37S-4W	30	50	n	A1h271	n	0.1	0.50	4
41	5	U.C.	C15-37S-4W	50		n	A1h272	n	t	0.25	5
42	6	U.C.	E½12-37S-4W	70	50	n	A1h273	n	t	0.25	6
43	7	U.C.	S½7-37S-~~4W~~ 3W	70	100	n	A1h274	n	t	0.25	7
44	8	Left. Fk Foots G.	N½18-37S-~~4W~~ 3W	50		n	A1h275	n	t	0.25	8
45	9	Millers Gl.	S½25-37S-4W	70	50	n	A1h276	n	0.1	0.50	9
46	10	U.C.	S½25-37S-4W	70	50	n	A1h277	n	0.1	0.50	10
47	11	?	SE9-37S-3W	70		n	A1h278	n	0.1	0.50	11
48	12	?	E½9-37S-3W	70		n	A1h279	n	t	0.25	12
49	13	U.C.	NE9-37S-3W	70		n	A1h280	n	0.1	0.50	13
50	14	U.C.	SW3-37S-3W	100	150	tr	A1h281	~~1.5~~ 0.8	t	0.25	14
51	15	Galls C.	NW21-36S-3W	50		n	A1h282	n	t	0.25	15
52	16	Blackwell C.	NW37-36S-3W	70		n	A1h283	n	t	(0.25) 0.25	16
53	17	U.C.	NW37-36S-3W	50		n	A1h284	n	0.1	0.50	17
54	18	Sams G.	N½1-36S-3W	30	50	n	A1h285	n	0.1	0.50	18
55	19	Rock C.	N½1-36S-3W	20		n	A1h286	n	0.1	0.50	19
56	20	U.C.	NW11-36S-3W	70	50	n	A1h287	n	t	0.25	20
57	21	U.C.	NE8-36S-3W	150	50	n	A1h288	0.4	0.15	0.75	21
58	22	U.C.	SE32-35S-3W	70		n	A1h289	n	0.3	1.5	22
59	23	U.C.	NW33-35S-3W	100	50	n	A1h290	n	0.2	1.0	23
60	24	U.C.	SE12-36S-4W	100		n	A1h291	n	0.15	0.75	24
61	25	U.C.	NE12-36S-4W	100		n	A1h292	n	t	0.25	25
62	26	U.C.	NE1-36S-4W	100		n	A1h293	n	0.1	0.50	26
63	27	U.C.	SW30-35S-3W	70		n	A1h294	n	0.15	0.75	27
64	28	Ward G.	SE25-35S-4W	100		4 200	A1h295	n	t	0.25	28
65	29	U.C.	W½12-36S-4W	70		n	A1h296	n	t	0.25	29
66	30	U.C.	SW16-36S-4W	70		n	A1h297	n	t	0.25	30
67	31	U.C.	SE19-36S-4W	70		n	A1h298	n	0.1	0.50	31
68	32	U.C.	inter 9-10-36S-4W	100	50	n	A1h299	0.8	0.3	1.5	32
69	33	Rl. Fork Fielder G.	NW5-36S-4W	70	50	n	A1h300	0.8	0.15	0.75	33
70	34	Left Fk. Fielder G.	NW5-36S-4W	70	50	n	A1h301	0.8	0.15	0.75	34
71	35	U.C.	SW28-36S-4W	50	50	n	A1h302	0.8	t	0.25	35
72		U.C.	NW3-36S-4W	20		n	A1h303	n	t	0.25	

Gold Hill 1964-1965

Cu Standard filter #54
1100 ppm = 750 MR

MCM No. 81515—12

		Location Stream	Sect-Twsp-Rng	MR	Cu ppm	n	Zn ppm			Mo ppm	Hg	
73	1	UC	NE19-37S-3W	80	70	120	z	100	Alg 304	n	0.4	2.0	1
74	2	U.C. Left Fk Foots Cr.	NE30-37S-3W	42	50	62	tr		Alg 305	n	0.3	1.5	2
75	3	Left Fk Foots Cr.	NW29-37S-3W	37	20	54	tr		Alg 306	n	0.1	0.5	3
76	4	U.C	SE4-38S-3W	50	70	73	n		Alg 307	n	0.1	0.5	4
77	5	uc	SW 11 37S-3W	0.4	30	20	n		Alg 308	n	t	0.25	5
78	6	UC	SW25, 37S-3W	1.0	50	50	n		Alg 309	n	t	0.25	6
79	7	UC	NW25-37S-3W	1.0	50	50	n		Alg 310	n	t	0.25	7
80	8	UC	NW25, 37S, 3W	0.8	30	40	n		Alg 311	n	t	0.25	8
81	9	UC	NW24, 37S, 3W	0.4	7	20	n		Alg 312	n	0.15	0.75	9
82	10	uc	E edge 23 37S, 3W	0.4	15	20	n		Alg 313	n	t	0.25	10
83	11	UC	NW25, 37S, 3W	0.4	7	20	n		Alg 314	n	t	0.25	11
	12												12
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	35												35

Semiquant Spec

Rerun of Anomalies 1964-65

McM No. B1515-12

Duplicate samples collected 1965

		Cu	Zn	Mo
1	68	1.5	N	
2	71	1.5	N	
3	73	1.5	N	
4	69	3-	N	

Spec analysis shows tr Mo on water samples from #68 1.5 liters used

GRANTS PASS QUAD

MCM No. B1515—12

			Corrected for S/B ppm Cu	Cu ppm	Cu ppm	Zn	Zn ppm	Zn	Mo ppm	Mo ppm	Hg ppm	
1	Louse C.	SE 25 T 35S R 6W	50	1	5	20	n	Alh315	n	0.1	0.50	1
2	Vannoy C.	S½ 29 T 35S, R6W		tr		7	n	Alh316	n	t	0.25	2
3	UC	NW 16, T 36S, R 6W	50	1	5	70	1	Alh317 50	n	0.3	1.50	3
4	Pass C.	NW 18 ″ ″		tr		5	n	Alh318	n	0.1	0.50	4
5	Shan C.	SW 11 T 36S, R 7W		tr		20	n	Alh319	n	0.15	0.75	5
6	Madams C.	SE 36 ″ ″		tr		15	n	Alh320	n	t	0.25	6
7	UC	NE 26 ″ ″		tr		50	1	Alh321 50	n	t	0.25	7
8	UC	SE 2 T 37S R 7W	50	1	5	50	2	Alh322 100 tr	n	t	0.25	8
9	UC	N½ 18 ″ R 6W	50	1	5	50	1	Alh323 50	n	t	0.25	9
10	Cheney C.	NE 23 T 37S, R 7W	100	2	10	30	1	Alh324 50	n	0.15	0.50	10
11	Bull C.	NW 17 T 37S, R 6W		tr		30	6	Alh325 300 300	n	n	0.00	11
12	UC	NW 28 ″ ″	100	2	10	150	n	Alh326	n	t	0.25	12
13	Jackson C.	NW 28 ″ ″	50	1	5	100	n	Alh327	n	t	0.25	13
14	Panther C.	SE 23 ″ ″	50	1	5	70	2	Alh328 100 tr	n	t	0.25	14
15	Iron C.	NW 15 ″ ″		tr		20	n	Alh329	0.4 4	t	0.25	15
16	Onion C.	S½ 18 T 37S, R 5W		tr		30	n	Alh330	n	n	0.00	16
17	UC	SE 25 T 37S, R 6W		tr		70	n	Alh331	n	0.1	0.50	17
18	UC	W½ 36 ″ ″		tr		70	n	Alh332	n	0.1	0.50	18
19	UC	NE 2 T 38S, R 6W		tr		50	n	Alh333	n	0.15	0.75	19
20	UC	SW 12 ″ ″	50	1	5	100	n	Alh334	n	0.15	0.75	20
21	UC	NE 14 ″ ″		tr		50	n	Alh335	0.4 4	t	0.25	21
22	UC	NE 14 ″ ″		tr		50	n	Alh336	n	0.1	0.50	22
23	Case C.	C of 2 ″ ″		tr		70	n	Alh337	n	n	0.00	23
24	Spencer C.	C/2 ″ ″		tr		70	n	Alh338	n	0.1	0.50	24
25	Murphy C.	SE 2 ″ ″		tr		30	n	Alh339 tr	n	0.2	1.00	25
26	Grays C.	S½ 29 T 37S, R 5W		tr		50	n	Alh340	n	t	0.25	26
27	UC	W½ 29 ″ ″		tr		30	n	Alh341	n	0.1	0.50	27
28	UC	NW 34 ″ ″		tr		30	n	Alh342	n	0.1	0.50	28
29	UC	N½ 34 ″ ″		tr		30	n	Alh343	n	t	0.25	29
30	Water Gap C.	SW 2 T 38S, R 5W		tr		50	n	Alh344	n	t	0.25	30
31	Pennington C.	NW 11 ″ ″		tr		70	n	Alh345	n	t	0.25	31
32	Camp Meeting C.	SW 11 ″ ″		tr		30	n	Alh346	n	t	0.25	32
33	UC	NE 16 ″ ″		tr		50	1	Alh347 50	n	t	0.25	33
34	Honeysuckle C.	C/17 ″ ″		tr		30	n	Alh348	n	0.1	0.50	34
35	Wallow C.	SW 17 ″ ″		tr		50	n	Alh349	n	0.15	0.75	35
36	Powell C.	SE 18 ″ ″		tr		70	n	Alh350	n	t	0.25	

GRANTS PASS QUAD

corrected 5/13/65

Semiquant. Spec. for Cu

McM No. B1515—12

GP		Stream name	Location Sec	T	R	Cu ppm	Zn		ppm	Mo ppm		Hg	
37	1	Beard Shanty	NW21	37S	5W	tr	50	1	A16351	~~25~~ 50	nil	0.1	0.50	1
38	2	Wildcat Gul.	NE21	37S	5W	tr	50	tr	A16352		nil	tr	0.25	2
39	3	Osen	SE21	37S	5W	tr	30	tr	A16353		nil	tr	0.25	3
40	4	Minnie	NW1	37S	7W	tr	70	1	A16354	~~25~~ 50	nil	0.1	0.50	4
41	5	Round Prairie	SW2	37S	7W	tr	20	1	A16355	~~25~~ 50	nil	0.1	0.50	5
42	6	UC	N½13	38S	7W	tr	70	tr	A16356		nil	tr	0.25	6
43	7	White Cr.	C 24	38S	7W	tr	70	1	A16357	~~25~~ 50	nil	0.1	0.50	7
44	8	UC	SE 13	38S	7W	tr	70	1	A16358	~~25~~ 50	nil	0.1	0.50	8
45	9	UC	SW 18	38S	6W	50 ½	5	70	1	A16359	~~25~~ 50	nil	0.1	0.50	9
46	10	North Fork	E½ 18	38S	6W	tr	70	tr	A16360		nil	tr	0.25	10
47	11	UC	SE 18	38S	6W	50 ½	5	50	1	A16361	~~25~~ 50	nil	n	0.00	11
48	12	Rich Gu.	SE 15	36S	5W	50 ½	5	50	2	A16362	100 tr	nil	tr	0.25	12
49	13	Bloody Run Cr.	SW19	36S	5W	tr		30	tr	A16363		nil	n	0.00	13
50	14	West F. Jones Cr.	NE9	35S	5W	tr		70	tr	A16364		nil	tr	0.25	14
51	15	E. fork Jones Cr.	NW15	36S	5W	tr		70	tr	A16365		nil	tr	0.25	15
52	16	Greens Cr.	SW23	36S	5W	50 ½	5	70	1	A16366	50	nil	0.1	0.50	16
53	17	UC	SE 32	36S	5W	tr		70	tr	A16367		nil	tr	0.25	17
54	18	Crooks Cr.	E½35	37S	5W	tr		50	1	A16368	50	nil	tr	0.25	18
55	19	UC	SE 35	37S	5W	tr		50	1	A16369	50	nil	tr	0.25	19
56	20	Horsehead Cr.	E½24	38S	5W	50	5	50	tr	A16370		nil	tr	0.25	20
	21	1964				MR	PPM								21
57	22	Ewe Creek	SW29	T35S	R6W	35	50	20	n	A16371		n	tr	0.25	22
	23	1965													23
58	24	Fruitdale Creek	SE28, T36S, R5W			50	30	1	A16372	50	4ppm	0.1	0.5/0.5		24
59	25	U.O.	East edge NE¼ sec 8, T36S, R5W			100	70		A16373	50	7				25
	26														26
	27														27
	28														28
	29														29
	30														30
	31														31
	32														32
	33														33
	34														34
	35														35

Semiquant. Spec. Zn

HYATT RESERVOIR 1965

Prepared by TF 11-65
Approved By

		width		(1) Cu C	Semiquant spec	PPM	(2) Zn C	A.A.	PPM	(3) Mo	PPM	(4) Hg C	PPM
1A	1	1'	KEENE Cr.	1.5	70	75	1		50	A16374		0.00	n
B	2		NE9 T39S R3E	1.5		75	N					0.25	t
2A	3	1'	COTTONWOOD Cr.	1.5	70	75	T			A16375		0.00	n
B	4		SE4 T39S R3E	1.5		75	N					0.25S	t
	5												
3A	6	2'	Willow Cr.	1.5	70	75	T			A16376		0.25	t
B	7		NE1 T39S R3E	1.5		75	N					0.50	0.1
4A	8	1'	Hoxie Cr	1.5	70	75	N			A16377		0.25	t
B	9		NW29 T38S R4E	1.5		75	1		50			0.50	0.1
5A	10	1'	BURNT Cr.	1.5	70	75	1		50	A16378		0.00	n
B	11		NW21 T39S R3E	1.5		75	1		50			0.50S	0.1
6A	12	2'	SODA Cr.	.8	30	40	1		50	A16379		0.25	t
	13		NW9 T39S R4E	.8		40	T					0.25S	t
7A	14	6'	Keene Cr	.8	50	40	N			A16380		0.25	t
B	15		NW33 T39S R3E	1.5		75	T					0.25	t
8A	16	2'	Mill Cr	1.5	50	75	1		50	A16381		~~0.00~~ 1.25	0.2
8 B	17		NE14 T40S R3E	1.5		75	1		50			0.00	n
9 A	18	1'	UC	.8	70	40	N			A16382	7	0.25	t
B	19		SW11 T40S R3E	.8		40	N					0.75	0.15
10A	20	2'	South Fk. Keene Cr	1.5	70	75	N			A16383		0.50	0.1
B	21		SW11 T40S R3E	1.5		75	N					1.00 1.50	0.2
11A	22	2'	EAST Fk. COMAL Cr.	1.5	70	75	T			A16384		0.25	t
B	23		C5 T40S R4E	1.5		75	T					0.25	t
12A	24	2'	BEAVER Cr.	1.5	70	75	N			A16385		0.25	t
B	25		SE5 T40S R4E	1.5		75	N				T	0.25	t
13A	26	8'	JENNY Cr	3	70	150			1	50 A16386		0.25	t
B	27		NW4 T40S R4E	1.5		75			T			0.25	t
14A	28	6"	UN	1.5	100	75			1	50 A16387		0.50	0.1
B	29		SW34 T40S R4E	1.5		75			1	50		0.25	t
15A	30	3'	JOHNSON Cr	1.5	100	75			1	50 A16388		0.25	t
B	31		SE23 T39S R4E	1.5		75			1	50		0.50	0.1
16A	32	1'	UN	1.5	70	75			N	A16389		0.50	0.1
B	33		SE11 T39S R4E	.8		40			N			0.75	0.15
17A	34	2'	JOHNSON Cr.	3.0	200	150			1	50 A16390		0.25	t
B	35		SE18 T39S R5E	1.5		75			1	50		1.00	0.2
18A	36	6"	UN	1.5	100	75			T	A16391		0.75	0.15
B	37		C18 T39S R5E	.8		40			T			0.50S	0.1
19A	38	6'	Keene Cr	1.5	70	75			1	50 A16392		0.25	t
B	39		NE17 T40S R4E	1.5		75			1	50		0.25	t
	40												

f: fine fraction
c: coarse fraction AS Received

HYATT RESERVOIR 1965

Prepared by TF 12-65
Approved by

		width		(1) Cu (ranguard) %	(1) Cu PPM	(2) Zn %	(2) Zn PPM	(3) Mo %	(3) Mo PPM	(4) Hg %	(4) Hg PPM
20	A	2'	UN	100	3 / 150	1	50	A16393		0.50	0.1
	B		NE17 T40S R4E		1.5 / 75	1	50			0.25	t
21	A	2'	Lincoln Cr.	70	1.5 / 75	T		A16394		0.25	t
	B		NW18 T40S R4E		1.5 / 75	2	100		N	0.25	t
22	A	3'	OREGON Gulch	70	1.5 / 75	1	50	A16395		0.50	0.1
	B		SC28 T40S R4E		.8 / 40	N				0.25	t
23	A	2'	FALL Creek	70	.4 / 20	N		A16396		0.50	0.1
	B		NE10 T41S R4E		.4 / 20	1	50			0.75	0.15
24	A	3'	Prairie Creek	70	1.5 / 75	1	50	A16397		0.00	n
	B		SC5 T41S R5E		1.5 / 75	1	50			0.00	n
25	A	3'	Skookum Creek	50	1.5 / 75	T		A16398		0.25	t
	B		SE6 T41S R4E		1.5 / 75	1	50			0.25	t
26	A	2'	SALT Creek	70	1.5 / 75	1	50	A16399		0.25	t
	B		SW11 T41S R3E		1.5 / 75	T			T	0.50	0.1
27	A	6'	CAMP Creek	70	.8 / 40	T		A16400		0.00	n
	B		SC10 T41S R3E		.8 / 40	T				0.25	t
				%	PPM	%	PPM				
			rerun on 175	2	100	1	50				

CURRIER & CORRIGAN CORPORATION
TODD COUNTY DIVISION
Form 1554

LAKE CREEK Quad 1965

		width		(1) Cu (Semiquant. Spec.)				(2) Zn	(3) Mo	(4) Hg ppm	
1	A	DRY	LICK CR	0.4	70	20	n	Alh401		0.2	t
	B	DRY	SW 36 T36S R1E	0.4		20	n		+5ppm	0.2	t
2	A	2'	SALT CR	0.8	70	40	n	Alh402		0.2	t
	B		C13 T36S R1E	0.4		20	n			0.2	t
3	A	6'	Lake Creek	0.4	70	20	n	Alh403		0.4	0.1
	B		SE 23 T36S R1E	0.8		40	n			0.2	t
4	A	1'	TRIB to WASSON CR UC	0.8	50	40	n	Alh404		2.0 Sk 0.8/0.4/0.3	
	B		SE 23 T36S R2E	0.2		20	n			1.0	0.2
5	A	5'	WASSON CANYON	0.8	100	40	n	Alh405		0.5	0.1
	B		SE 23 T36S R2E	0.8		40	n			0.5	0.1
6	A	4'	Soda CR	0.4	30	20	n	Alh406		6.0/2.0 1.2/0.5/0.4	
	B		C18 T37S R3E	0.4		20	n			1.0	0.2
7	A	Dry	DEER CR	0.2	15	10	n	Alh407		0.4	0.1
	B		NW 13 T37S R2E	0.4		20	n			0.4	0.1
8	A	3'	Lost CR.	0.8	30	40	n	Alh408		0.5	0.1
	B		SW 4 T37S R2E	0.8		40	n			0.5	0.1
9	A	dry	COON CR	0.4	30	20	n	Alh409		0	n
	B		SE 9 T37S R2E	0.4		20	n			0.5	0.1
10	A	2'	Lost CR	0.4	30	20	n	Alh410		0.75	0.15
	B		SE 9 T37S R2E	0.8		40	n		contamination	8.0/0.75	1.6/0.15
11	A	?	TRIB to Lake CR. UN	0.4	70	20	n	Alh411		0.2	t
	B		C6 T37S R2E	0.8		40	n			0	n
12	A	?	TRIB to LAKE CR	0.8	70	40	n	Alh412		0.5	0.1
	B		C6 T37S R2E	0.8		40	n			0.5	0.1
13	A		LAKE CR.	0.8	70	40	n	Alh413		0.75	0.15
	B		SE 6 T37S R2E	0.4		20	n			0.2	t
14	A		LAKE CR.	0.8	30	40	n	Alh414		0	n
	B		NE 30 T36S R2E	0.4		20				2.0 Sk 1.5 0.4/0.3	
15	A	1'	ANTELOPE CR	0.4	50	20	n	Alh415		2.0/3.0 0.4/0.6	
	B		NE 6 T38S R2E	0.8		40	n			2.0 Sk/2.0 0.4/0.4	
16	A	3'	TRIB to ANTELOPE CR UN	0.2	20	10	n	Alh416		0.5	0.1
	B		NW 36 T37S R1E	0.4		20	n			1.0 Sk	0.2
17	A	6"	TRIB to ANTELOPE CR. UN.	0.2	20	10	n	Alh417		0.5	0.1
	B		NW 36 T37S R1E	0.4		10	n			0.5	0.1
18	A		TRIB to ANTELOPE CR UN.	0.4	20	20	n	Alh418		0.2	0.1
	B		NE 35 T37S R1E	1.5		75	n			1.0	0.2
19	A	1'	BRUNT CANYON	0.8	50	40	n	Alh419		0.5	0.1
	B		SW 23 T37S R1E	1.5		70	n			0.2	0.1
20	A	1'	RIO CANYON	0.8	50	40	n	Alh420		0.2	0.1
	B		SW 15 T37S R1E	0.4		20	n			1.0	0.2

BURROUGHS CORPORATION TODD COMPANY DIV. Fort Lee, N.J.

LAKE CREEK QUAD 1965

		width		(1) Cu	(2) Zn	(3) Mo	(4) Hg	
				semiquant				
				r	PPM			
21	A1	1'	Antelope CR.	0.4	30 20 n	A16 421	0.5	0.1
	B2		SE 9 T37S R1E	0.4	20 n		0.75	0.15

BURROUGHS CORPORATION
TODD COMPANY DIV. - L
Form H554

Lake O' Woods 1965

TF 2/66

		wide	d=dry	(1) Cu ppm	(2) Zn ppm	(3) Mo ppm	(4) Hg ppm
1A	1	4 d	Fourmile Cr, NE9, 36S, 6E	1.0 50	50 n	n) AlG 422	0.25
2A	2	5	Varney cr. SE 21, 36S, 6E	0.8 30	40 n	n AlG 423	0.25
3A	3	2	Seldom Cr. NE 24, 36S, 5E	0.4 30	20 n	n AlG 424	0.25
4A	4	5	Billie Cr. SW 34, 36S, 5E	0.8 50	40 n	n AlG 425	0.50 0.1
5A	5	4	Fourmile Cr. SE 11, 36S, 5E	0.8 50	40 n	n AlG 426	0.25
6A	6	4	Rainbow Cr. NE 22, 37S, 5E	0.4 30	20 n	n AlG 427	0.50 0.1
7A	7	3	Denny Cr. C9, 37S, 7E	0.8 70	40 n	n AlG 428	0.50 0.1
8A	8	4	Moss Cr. SW 6, 37S, 7E	0.8 50	40 n	n AlG 429	0.25
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	36		"B" sample not sieved nor tested				
	37						
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			Copper standard 1.0				

LANGLOIS 1965

Prepared By TF 1/66
Approved By

		wide		(1) Cu ✓	Be	ppm	(2) Zn	ppm	(3) Mo	ppm	(4) Hg	ppm
cl-dry	1	3	Edson Cr. NC5, 32S, 14W	.8	30	40	T		n	A1G430	025	
2M	2	2cl	Uncalled, SW8, 32S, 14W	.8	30	40	N		n	A1h431	025	
3M	3	4cl	Uncalled, SW8, 32S, 14W	1.5	50	75	T		n	A1G432	000	
4M	4	3	Uncalled, SE4, 32S, 14W	1.0	50	50	T		n	A1G433	025	
5M	5	3	Uncalled, NW10, 32S, 14W	.8	50	40	N		n	A1G434	025	
6M	6	5cl	Uncalled, SE10, 32S, 14W	.4	30	20	T		n	A1h435	025	
7M	7	6	Elephant Rock Cr. C11, 32S, 14W	1.0	70	50	T		n	A1h436	075	0.15
8M	8	4	Elephant Rock Cr. SE2, 32S, 14W	1.5	70	75	T		n	A1G437	2.50 ~~0.15~~	0.5
9M	9	2	Uncalled, SW6, 32S, 13W	1.0	20	50	T		n	A1h438	025	
10M	10	3	Otter Cr. SC6, 32S, 13W	.8	30	40	T		n	A1G439	025	
11M	11	3	Big Cr. NE8, 32S, 13W	.4	30	20	T		n	A1h440	025	
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TOUGHS CORPORATION
TOUGHS CONSULTANTS LTD.

Calculate 1966

Prepared By | Initials | Date

Approved By

				(1) PPM	MR	(2) PPM	MR	(3)	(4)			
12	4'	Rock Cr. SE36, 32S, 15W		65	50	30	140	330	A16441	t		12
13	2'	NC Trib Elk R. NE25, 32S, 15W		55	70	26	85	170	A16442	t		13
14	3'	Indian Cr. N½27, 32S, 15W		65	100	30	75	175	A16443	t		14
15	8'	Dry Cr. SW7, 32S, 14W		50	70	22	85	190	A16444	t		15
16	6'	Beaver Cr. NW14, 32S, 15W		35	70	15	85	190	A16445	0.1		16
17	8'	Crystal Cr. SE24, 31S, 15W		45	70	20	85	190	A16446	n		17
18	3'	N. Trib to Crystal E½35, 31S, 15W		35	70	15	55	110	A16447	t		18
19	2'	N. Fk Crystal SE35, 31S, 15W		35	70	15	90	tr 200	A16448	t		19
20		S. Fk Crystal SE35, 31S, 15W		35	50	15	90	tr 200	A16449	n		20
21	8'	W. Fk Flores Cr. SE3, 31S, 14W		45	30	20	100	tr 200	A16450	t		21
22	4'	Dwyer Cr. W½12, 31S, 14W		55	50	25	75	tr 175	A16451	t		22
23	5'	S. Fk. Flores Cr. SE12, 31S, 14W		55	50	25	85	tr 175	A16452	t		23
24	10'	N. Fk Flores Cr. E½2, 31S, 14W		35	70	15	40	175	A16453	t		24
25	5'	N. Fk Flores Cr. SW 23, 30S, 14W		35	15	15	65	175	A16454	t		25
26	2'	Trib White Rock Cr. NE21, 30S, 14W		25	20	10	90	175	A16455	t		26
27	6'	White Rock Cr. NW25, 30S, 14W		25	20	10	80	175	A16456	t	0.25, 0	27
28	2'	W Trib N Fk Flores NE26, 30S, 14W		25	30	10	85	175	A16457	t	0.25, 0	28
29	3'	NFk Willow Cr. NE29, 31S, 15W		35	70	15	10	175	A16458	t	0.25, 0.25	29
30	3'	S. Fk Willow Cr. SE29, 31S, 15W		30	70	12	90	175	A16459	t	0.25, 0.25	30
31	3'	Morton Cr. SE26, 30S, 15W		35	50	15	110	175	A16460	t	0.25, 0.25	31
32	4'	Butte Cr. SW24, 30S, 15W		55	50	25	90	175	A16461	t	0.25, 0.25	32
33	3'	Bethel Cr. NW24, 30S, 15W		25	30	15	95	175	A16462	t	0.25, 0.25	33
34	no apparent bed	Davis Cr. SE13, 31S, 15W		35	15	15	75	175	A16463	t	0, 0.25	34
35	no bed	Conner Cr. NE13, 30S, 15W		25	7	10	85	175	A16464	n	0, 0	35
36	4'	S. Fk Four Mile Cr. SE8, 30S, 14W		35	50	15	75	175	A16465	t	0.25, 0.25	36
37	3'	N Trib 4 SE8, 30S, 14W		35	50	15	85	175	A16466	t	0, 0.25	37
38	6'	S. Fk Four Mile E½26, 31S, 14W		35	30	15	85	175	A16467	t	0.25, 0.25	38
39	2'	N Trib 4 mile Cr. NE4, 30S, 14W		40	50		100	175	A16468	t	0.25, 0.25	39
40	3'	S. Trib 4 mile Cr. NE10, 30S, 14W		30	50	12	85	175	A16469	0.1	0.25, 0.5	40
41	1'	4 mile Cr. NE10, 30S, 14W		35	50	15	90	175	A16470	0.1	0.5, 0.25	41
42		GALICE #1		80		25	100	175				42
43		GALICE 2		50		25	90	175				43
44		GALICE 3		65		20	75	175				44
45		GALICE 4		55		25	75	175				45
46		GALICE 5		55		25	80	185				46
47		GALICE 6		55		25	100	175				47
48												48
49		Cu St, G-1 #10				43						49
50												50

BURROUGHS CORPORATION — TODD COMPANY DIV. — L — Form H554

LANGLOIS 1967

Initials Date
Prepared By
Approved By

	Width		(1) Cu PPM	(2) Zn MR=PPM	(3) Mo	(4) Hg
42	2	N. Trib Edson Cr. SE27, 31S, 14W	34 50	50 140		t
43	5'	E. Fk Edson Cr. SE27, 31S, 14W	30 30	45 250		0.1
44		N Fk Edson Cr. SW27, 31S, 14W	30 30	15 130 tr		0.1
45	2'	E. Trib Edson Cr. SW34, 31S, 14W	35 30	50 60		0.1
46	2'	N Trib Edson Cr. NE33, 31S, 14W	28 20	45 70		t
47	2'	E. Trib Edson Cr. NE4, 32S, 14W	45 50	65 80		t
48	3'	N. Trib Edson Cr. NE5, 32S, 14W	35 30	50 50		0.15
49	-	Crutchfield Cr. SW33, 30S, 13W	20 15	25 0		0.1
50	3'	Huff Cr. NE5, 31S, 13W	36 15	50 70		t
51	2'	UC SW32, 30S, 13W	28 20	45 70 tr		n
52	3'	UC NW25, 32S, 14W	42 50	60 100 tr		n
53	2'	So. Trib Dry Cr. SW25, 32S, 14W	33 50	50 70 tr		n
54		UC SE26, 32S, 14W	41 50	55 70		0.1
55	4'	So. Trib Dry Cr. SW26, 32S, 14W	42 30	60 70		0.1
56	6'	Dry Cr. SW26, 32S, 14W	50 30	70 80		t
57	1'	UC SE26, 32S, 14W	38 50	55 50		0.1
58	2'	W. Trib Dry Cr. SE27, 32S, 14W	28 30	45 80		t
59	5'	E. Trib Dry Cr. NE27, 32S, 14W	35 30	50 80		t
60		E. Trib Dry Cr. NE27, 32S, 14W	39 30	55 100		t
61		No Fk Dry Cr. SW21, 32S, 14W	42 30	60 80		n
62	2'	So. Trib Dry Cr. NE28, 32S, 14W	35 50	50 60		n
63	2'	UC SW20, 32S, 14W	39 70	55 50	n	t
64		UC SW18, 32S, 14W	45 70	45 50	n	0.1
65	2'	No Trib So. Fk Sixes NE20, 32S, 13W	100 150	140 180 200	n	0.1
66	2'	So Trib So Fk Sixes NE20, 32S, 13W	60 100	80 110	n	t
67		So Trib So Fk Sixes SW17, 32S, 13W	50 70	70 50	n	0.1
68	4'	Bee Cr. NW18, 32S, 13W	60 50	80 80	n	n
69	2'	So Trib. So Sixes NE13, 32S, 13W	35 50	50 40	n	t
70	15	Floras Cr. NW6, 31S, 14W	40 20	55 60	n	n
30		Cu Standard 45 ppm	45			
31		Zn Standard 140 ppm		140		
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BURROUGHS CORPORATION TODD COMPANY DIV. Form H554

1964 MARIAL QUAD

(Amyl Acetate) Cu Standardization – 21 ppt filter on water 1000 ppm sample MR = 6550
Mo standard filter #54 7 ppm = mr 52

Cu semiquant | Zn semiquant

McM No. BT515—T2

	Location Stream	sec-twn-Rng	mr	Cu	Cu ppm	Zn	Zn	MR	Mo ppm	Hg ppm	
1	N Trib. N.Fk Silver	NE17-35S-9W	62	100	90	n		A1G471	n	t	0.25	1
2	N Trib. N.Fk Silver	NW16-35S-9W	60	70	88	n		A1G472	n	n	0.00	2
3	Sourgrass Cr.	SW, SE 9-35S-9W	35	100	52	n		A1G473	n	t	0.25	3
4	S Trib N.Fk Silver	C17-35S-9W	23	50	34	n		A1G474	n	t	0.25	4
5	N.Fk Silver Cr.	NW, NE 16-35S-9W	52	100	76	n		A1G475	n	0.15	0.75	5
6	S Trib Silver	NE16-35S-9W	40	70	59	n		A1G476	n	0.15 Sm	0.75	6
7	N Trib N.FK Silver	SW, SW10-35S-9W	82	200	120	n		A1G477	n	0.1	0.50	7
8	UC on West Trib, Silver	NW27, 35S-9W	40	100	59	tr		A1G478	n	0.1	0.50	8
9	Braconis Gl.	SW22-35S-9W	45	100	66	n		A1G479	n	0.2	1.00	9
10	Big Windy Cr.	NE 7-34S-9W	40	70	59	n	tr	A1G480	n	0.1	0.50	10
11	Big Windy Cr.	SE9-34S-9W	60	70	88	n		A1G481	n	0.1	0.50	11
12	S. Trib Big Windy	SE9-34S-9W	50	70	73	tr	tr	A1G482	n	0.1	0.50	12
13	E. Trib W.Fk Indigo	SE24-34S-9W	40	30	59	n		A1G483	n	0.3 Sm	1.50	13
14	W.Fk Indigo Cr.	C 24-34S-9W	55	50	80	n		A1G484	n	0.1	0.50	14
15	W.Fk Indigo Cr.	NE 26-34S-10W	32	50	46	n		A1G485	n	t	0.25	15
16	UC N. Side Indigo	NE 26-34S-10W	40	50	59	n		A1G486	n	0.15 Sm	0.75	16
17	Brandy Cr.	NW26-34S-10W	30	30	44	n		A1G487	n	0.15 Sm	0.50	17
18	W.Fk Indigo	NE, NE 3-35S-10W	40	20	59	n		A1G488	n	0.25 Sm	1.25	18
19	Snail Cr.	NE 3-35S-10W	42	30	61	n		A1G489	n	t	0.25	19
20	W.Fk Indigo	SW 2-35S-10W	45	30	66	n		A1G490	n	t	0.25	20
21	Lazy Cr.	SW2-35S-10W	55	50	80	n		A1G491	n	t	0.25	21
22	W.Fk Indigo	NE10-35S-10W	40	30	59	n		A1G492	n	Sm 0.15	0.75	22
23	UC, Westside	NE10-35S-10W	48	50	70	n		A1G493	n	0.15	0.75	23
24	W.Fk Indigo	SW10-35S-10W	40	30	59	n		A1G494	n	0.1	0.50	24
25	UC. Westside	SW 10-35S-10W	40	50	59	n		A1G495	n	0.15	0.75	25
26	UC westside	SE16-35S-10W	30	30	44	n		A1G496	n	0.15	0.75	26
27	W.Fk Indigo	W½ 22-35S-10W	44	50	65	n	tr	A1G497	n	t	0.25	27
28	E.Fk Indigo	NE 28, 35S-10W	41	30	60	n		A1G498	n	t	0.25	28
29	W.Fk Indigo	NE 28, 35S-10W	38	30	56	n		A1G499	n	0.1	0.50	29
30	E.Fk Indigo	SE 23-35S-10W	32	50	47	n	tr	A1G500	n	0.1	0.50	30
31	UC northside	SE 23-35S-10W	43	70	63	n		A1G501	n	0.15	.75	31
32	Chief Cr.	SE29-34S-9W	48	30	70	n		A1G502	n	0.15	.75	32
33	E trib Indigo	SE29-34S-9W	60	70	88	n		A1G503	n	0.1	.50	33
34	Kelsey Cr.	SW16-33S-9W	55	50	80	n		A1G504	n	0.15	.75	34
35	U.C. northside	NW16-33S-9W	60	50	73	n		A1G505	n	0.6 *	1.00	35
	Ewe Creek (Glendale Quad #31)		30		44	n			50			70

Probable Hg → = 5 = 5 ppt climb

1964 Marial Quad

Cu. Standardization filter #54
MR = 100 ppm = 1400
Zn, Filter #54 ZR = 70 MR

McM No. B1515—12

		Location Stream	Sect-Twn-Rng	MR	Cu (1st aliquot) PPM		Zn (2nd aliquot) PPM				Mg PPm	Hg	
36	1	U.C.	NE 17 - 33S - 9W	42	20	47	40	50	AIG506	n	0.3	$1.50	1
37	2	U.C.	NE 17 - 33S - 9W	50	30	55	n		AIG507	n	0.2	$1.25	2
38	3	Corral G.	NE 17 - 33S - 9W	40	50	44	n		AIG508	n	0.2	1.00	3
39	4	Ditch G.	NW 17 - 33S - 9W	60	50	66	n		AIG509	n	0.1	.50	4
40	5	SIDE G.	NW 17 - 33S - 9W	55	70	60	n		AIG510	n	0.2	1.00	5
41	6	Hewitt Ca	SE 18 - 33S - 9W	80/63	50	88/107	n		AIG511	n	0.15	.75	6
42	7	Missouri G.	NE 13 - 33S - 10W	55	50	60	n		AIG512	n	0.1	0.50	7
43	8	Quail G.	Sedge 12-33-10W	55	50	60	n		AIG513	n	0.1	0.50	8
44	9	Long Gl.	NE 14 - 33S - 10W	50	50	50	n	th	AIG514	n	0.1	0.50	9
45	10	U.C.	NW 11 - 33S - 10W	55	50	60	n		AIG515	n	0.1	0.50	10
46	11	Mule G.	NE 9 - 33S - 10W	55	70	60	n		AIG516		0.1	0.50	11
	12												12
	13												13
	14												14
	15												15
	16												16
	17												17
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	19												19
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	29												29
	30												30
	31												31
	32												32
	33												33
	34												34
	35												35

MARIAL 1965

Prepared By: TF Date: 2/66
Approved By:

		wide	cl = dry	(1) Cu ppm	Semiquant. 1 per		(2) Zn ppm	Semiquant. 1 per		(3) Mo ppm		(4) Hg ppm
47 M	1	4	Uncalled, C25, 34S, 11W	1.0	70	50	T			N	AIG517	050	0.1
48 M	2	10	Shasta Costa Cr. C25, 34S, 11W	.8	70	40	T	tr		N	AIG518	050	0.1
49 M	3	3	Uncalled, NW36, 34S, 11W	.8	30	40	N			N	AIG519	025	t
50 M	4	2	Uncalled, SE35, 34S, 11W	.8	30	40	N			N	AIG520	025	t
51 M	5	3	Uncalled, SW35, 34S, 11W	.8	20	40	N	tr		N	AIG521	025	t
52 M	6	3	Burns Cr. NW17, 33S, 10W	1.5	70	75	N			N	AIG522	050	0.1
53 M	7	6	Blossom Bar Cr. NE18, 33S, 10W	.8	30	40	N			N	AIG523	025	t
54 M	8	5	Paradise Cr. WC18, 33S, 10W	.8	20	40	N			N	AIG524	025	t
55 M	9	2	Johnson Cr. NE25, 33S, 11W	.8	50	40	N			N	AIG525	050	0.1
56 M	10	3 cl	Brushy Bar, NE36, 33S, 11W	.8	70	40	N			N	AIG526	025	t
57 M	11	5	Tate Cr. SC35, 33S, 11W	.8	50	40	2		100	n	AIG527	025	t
58 M	12	3	Clay Hill, NE2, 34S, 11W	.8	30	40	2		100	n	AIG528	025	t
59	13	6	Mid Fk. Mule Cr. SW33, 32S, 10W	3.0	100	150	T	tr		n	AIG529	025	t
60 M	14	6	Uncalled, SW33, 32S, 10W	.8	100	40	T			n	AIG530	050	0.1
61 M	15	8	W Fk. Mule Cr. NE4, 33S, 10W	1.0	50	50	N			n	AIG531	025	t
62	16	14	Mule Cr. SW3, 33S, 10W	1.5	70	75	1		50	n	AIG532	025	t
	17												
	18												
	19												
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			Standard	1.0									

MEDFORD QUAD.

4/10

McM No. BT515—12

	LOCATION STREAM	Sect - Twn - Rng.	Sequoyah Sp. Cu	Cu	Corrected 5/13/65 Cu	Zn		Mo. PPM	Hg Dr	
1	U.C.	NE8-38S-2W	50	~~5~~	50	1	50 AlG533 n	0.1	0.50	1
2	Poorman Cr.	SE7-38S-2W	70	~~10~~	100	1	50 AlG534 n	0.2	1.00	2
3	Miller Gl.	NE1-38S-3W	30	~~5~~	50	2	100 AlG535 n	0.4	2.00	3
4	Walker Cr.	38-37S-2W	20	tr		n	AlG536 n	t	0.25	4
5	U.C.	39-37S-2W	30	tr		tr	AlG537 n	t	0.25	5
6	Horn G.	NE20-37S-2W	15	tr		tr	AlG538 n	0.15	0.75	6
7	U.C.	SE8-37S-2W	15	tr		tr	AlG539 n	0.1	0.50SK	7
8	Willow G.	NE6-37S-2W	20	tr		n	AlG540 n	0.1	0.50	8
9	Lane G.	NE6-37S-2W	50	~~5~~	50	tr	AlG541 n	0.15	0.75	9
10	N.fk Griffin Cr.	NE16-38S-2W	0.8	70	40	n	AlG542 n	0.15	0.75	10
11	Mud Springs	NE23-38S-2W	1.0	70	50	n	AlG543 n	0.3	1.5/2.0	11
12										12
13										13
14										14
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31										31
32										32
33										33
34										34
35										35

Mt. Emily

Initials / Date
Prepared by:
Approved By:

	Width		(1) Fe PPM		(2) MR	MR		(3) Mo PPM		(4) Hg PPM		
1		Winchuck R. NW19, T40S, R11W	60	30 25	27	260		110	AlH544	n	0.1	.5/.5
2	3'	E. Trib Winchuck NW19, 40S, 11W	55	50 30	25	230		90	AlH545	n	0.1	.5/.5
3	5'	W. Trib. Winchuck R. SW18, 40S, 12W	40	30 20	15	210		80	AlH546	n	0.1	.5/.5
4	2'	W. Trib Winchuck R. NE24, 40S, 12W	10	15 10	5	190		70	AlH547	n		c/c
5		SE Trib Winchuck R. NW25, 40S, 12W	35	30 20	15	180		65	AlH548	n	0.1	.5/.5
6		N. Trib Winchuck R. NE26, 40S, 12W	n	20 5	0	210		80	AlH549	n		o/o
7		W. Trib Winchuck R. C26, 40S, 12W	10	20 5	5	210		80	AlH550	n		o/o
8		W. Trib Winchuck R. C26, 40S, 12W	0	20 0	0	170		60	AlH551	n		o/o
9		4th [illegible] C. W C35, 40S, 12W	50	50 15	22	210	th	80	AlH552	n		o/o
10		E. Trib Winchuck R. EC34 40S, 12W	10	15 0	5	190		70	AlH553	n		o/o
11		S. Trib. Chetco (N. Fk) SW 23, 40S, 13W	40	50 30	18	230		90	AlH554	n		o/o
12		W. Trib Chetco NW13, 40S, 13W	50	30 25	22	210		80	AlH555	n		o/o
13		Elk Cr. SW 12, 40S, 13W	60	50 30	27	210		80	AlH556	n		o/o
14	5'	Wilson Cr. SW 30, 39S, 12W	65	50 25	30	190		50	AlH557	n		o/o
15	3'	L. Hl. Redwood SE 20, 39S, 12W	70	30 20	32	220		75	AlH558	n	0.1	0.5/0.5
16		Big Redwood SE 20, 39S, 12W	60	50 15	25	200		75	AlH559	n		0.25/0.25
17		Beaver Cr. SE 17, 39S, 12W	40	30 15	20	200		75	AlH560	n	0.1	0.5/0.5
18	4'	First Cr. SE 17, 39S, 12W	30	50 20	14	180		65	AlH561	n	0.1	0.5/0.5
19	2'	S. Trib S. Fk Chetco NW 10, 39S, 12W	45	70 5	20	270		110	AlH562	n		o/o
20	20'	S. Fk Chetco NW 10, 39S, 12W	50	20 25	25	210		80	AlH563	n		o/o
21	8'	Quail Prairie C. NW 10, 39S, 12W	50	50 25	25	220	th	85	AlH564	n		o/o
22		E Trib. Quail Prairie C3, 39S, 12W	40	50 20	18	180		65	AlH565	n		o/o
23		U.C. SE 36, 38S, 12W	75	70 35	36	210		80	AlH566	n		o/o
24		UC NW 5, 39S, 12W	40	30 10	20	210		80	AlH567	n		Tr/Tr
25		Rainbow Cr. SW 32, 38S, 12W	60	50 30	28	220		85	AlH568	n		o/o
26	2'	Robinson Spring C. NE 31, 38S, 12W	50	70 35	23	200	th	75	AlH569	n	0.1	0.5/0.5
27	3'	UC W/2 30, 38S, 12W	60	70 —	28	200		75	AlH570	n		o/o
28	3'	Eagle Cr. NW 36, 38S 13W	40	50 15	20	210		80	AlH571	n		o/o
29	6'	Bravo Cr. NW 7, 40S. 13W	55	30 20	25	210		80	AlH572	n		o/o
30	6'	Bear Cr. N14, 41S, 12W	55	70 15	25	210		80	AlH573	n		Tr/Tr
31	3'	Lankey Cr. S 11, 41S, 12W	35	30 10	15	220		85	AlH574	n		o/o
32	2'	Bridge Cr. W11, 41S, 12W	15	20 5	8	180		65	AlH575	n		c/c
33	8'	Bear Cr. C10, 41S, 12W	10	30 5	6	200		75	AlH576	n		o/o
34	3'	Salmon Cr. SE 9, 41S, 12W	35	50 10	15	230		90	AlH577	n		c/c
35	2'	Elk Cr. SE 9, 41S, 12W	10	20 0	6	200		75	AlH578	n		Tr/Tr
36	4'	Deer Cr. SE 5, 41S, 12W	30	20 0	12	210		80	AlH579	n	0.1	0.5/0.5
37		Landslide 6'/10 (100ppm)		60	45	240		100				
38												
39												
40												

BURROUGHS CORPORATION
TODD COMPANY DIV. — L
Form H554

Mt. Emily

Initials Date
Prepared By
Approved By

		Width			(1) AA Cu ppm	(1) Cu MR	(2) Zn ppm	(2) Zn MR	(3) Mo		(4) Hg ppm	(4) Hg MR
37	1	1'	Unnamed	SW5, T4S, R12W	45	0, 20, 23	20 75	230	AlG580		0.1	1.5, 1.5
38	2	4' dry	U.C.	SE 13, 4S, 13W	75	13, 32, 15	30 80	240	AlG581		t	0.25, 0.25
39	3	2'	Wheeler Cr.	NW 3, 4S, 12W	20	65, 10, 25	15 85	260	AlG582		t	0.25, 0.25
40	4	2'	UC	NE 1, 4S, 12W	40	8, 17, 17	20 95	280	AlG583		t	0.25, 0.25
41	5	2'	W. Trib, 4th July Cr.	NW6, 4S, 11W	40	12, 15, 27	20 65	200	AlG584		t	0.25, 0.25
42	6		4th July Cr.	NW6, 4S, 11W	50	20, 25, 15	50 80	250	AlG585		t	0.25, 0.25
43	7		N Trib 4th July Cr.	NW31, 4S, 11W	50	15, 25, 20	50 70	220	AlG586		n	0, 0
44	8		N Trib 4th July Cr.	NW31, 4S, 11W	65	20, 30, 5	50 85	260	AlG587		t	0.25, 0.25
45	9	6'	N Trib 4th July Cr.	NE26, 4S, 12W	40	20, 20, 20	30 75	230	AlG588		t	0.25, 0
46	10	4'	N Trib 4th July Cr.	NW 26, 4S, 12W	75	18, 33, 12	50 75	230	AlG589		t	0.25, 0.25
47	11	6'	S Trib 4th July	SE35, 4S, 12W	40	0, 15, 0	15 70	210	AlG590		n	0, 0
48	12		E. Trib Wheeler	R. W½ 7, 4S, 12W	75	8, 32, 11	30 100	300	AlG591		n	0, 0
49	13		Mosey Cr.	SW 7, 4S, 12W	40	15, 15, 5	30 90	270	AlG592		0.1	0.5, 0.5
50	14		UC.	SW14, 4S, 12W	75	20, 30, 14	50 90	270	AlG593		n	0, 0
51	15	2'	W Trib Wheeler Cr	SW 20, 4S, 12W	40	5, 20, 4	30 85	260	AlG594		n	0.25, 0.25
52	16	6'	Willow Cr.	NE18, 4S, 12W	40	34 10, 16, 15	20 70	80 220	AlG595		0.3	1.0, 1.0
53	17	8'	Wheeler Cr.	NW 20, 4S, 12W	50	8, 25, 2	30 70	220	AlG596		0.1	0.5, 0.25
54	18	2'	W. Trib Wheeler	NE33, 4S, 12W	20	0, 10, 0	20 70	210	AlG597		t	0.25, 0.25
55	19	3'										
56	20	3	E. Trib Wheeler	NW28, 4S, 12W	20	5, 8, 3	15 30	100	AlG598		t	0.25, 0.25
57	21		Mill Cr.	SE25, 4S, 13W	20	5, 25, 10	20 45	140	AlG599		0.2	0.75, 1.0
58	22	4'	Neil Cr.	SE24, 4S, 13W	80	N 3, 35, 0	30 95	280	AlG600		0.5	1.5, 1.5
59	23	3'	Dry Cr.	NE24, 4S, 13W	90	22, 40, 12	70 95	170 185 280	AlG601	+10	0.6	0.75, 0.75
60	24	4'	Jack Cr.	NW2, 4S, 13W	75	12, 30, 8	50 45	150	AlG602		0.1	0.5, 0.5
61	25	2'	Hamilton Cr.	S½ 2, 4S, 13W	40	15, 20, 10	70 95	280	AlG603		0.1	0.5, 0.5
62	26	2'	Linda Cr.	S½ 2, 4S, 13W	50	5, 25, 10	30 55	165	AlG604		0.1	0.25, 0.25
63	27	6'	Carey Cr.	NW3, 4S, 13W	40	10, 20, 18	30 55	165	AlG605		0.1	0.5, 0.5
64	28	3'	E. Trib to Chetco	SE32, 3S, 12W	100	30, 45, 22	50 75	230	AlG606		0.1	0.25, 0.25
65	29	2'	E. Trib Chetco	SE28, 3S, 12W	110	30, 50, 28	100 75	230	AlG607		0.15	0.5, 0.5
66	30	3'	E. Trib Chetco	SE21, 3S, 12W	130	30, 60, 35	70 80	240	AlG608		0.1	0.5, 0.5
67	31	5'	Big Emily Cr.	W½ 34, 3S, 12W	90	10, 45, 15	70 75	230	AlG609		0.15	0.5, 0.75
68	32	10'	N. Trib Big Emily	W½ 34, 3S, 12W	75	20, 35, 17	50 70	210	AlG610		0.15	0.5, 0.5
69	33	5'	S. Trib. Big Emily	NW34, 3S, 12W	10	12, 5, 0	20 60	175	AlG611		0.1	0.5, 0.25
70	34		N. Trib Big Emily	NE33, 3S, 12W	45	20, 22, 10	30 90	270	AlG612		0.15	0.75, 0.50
71	35	8'	S. Trib Big Emily	NW33, 3S, 12W	40	10, 15, 0	20 75	230	AlG613		0.1	0.5, 0.5
72	36	8'	S. Trib Big Emily	SW32, 3S, 12W	80	5 10, 35, 20	30 70	8 220	AlG614		0.1	0.5, 0.25
24	37					20						
Cu	38		Standard G1/10		100	45, 50	100	300				
Cust.	39		Standard			20 30/35						
	40											

#52 Hq MR 1.0, 1.5 without CC
1.0, 1.0 with CC

#53 Hq MR 1.5, 2.5 w/o CC
1.5, 1.5

#54 Hq MR [illegible] 0.01% Mo key [illegible]
0.75, 0.75 with CC

Mt. Emily

Prepared By
Approved By

				(1)				(2)				(3)		(4)	
	mid			PPM		MR	PPM		MR			ppm		Hg	
1	3'	Boulder Cr.	SE7, 39S, 11W	50	70	27, 26	150	220, 85		A1G615	n	t		t, t	
2	5'	Boulder Cr.	SE6, 39S, 11W	50	70	17, 25	70	230, 85		A1G616	n	t		t, t	
3		E. Trib Boulder C.	SE6, 39S, 11W	30	70	22, 18	150	250, 85		A1G617	n	0.6		30, 3.0	
4	5'	UC.	SE32, 38S, 11W	60	100	22, 32	35	250, 70		A1G618	n	t		t, t	
5		E. Trib Boulder C.	NE32, 38S, 11W	70	70	33, 35	40	250, 80		A1G619	n	t		t, t	
6	2'	N. Trib Boulder C.	NE32, 38S, 11W	30	70	23, 15	20	230, 10		A1G620	n	0.1		0.3, 0.2	
7		E. Trib Boulder C.	SW28, 38S, 11W	30	50	13, 15	20	200, 10		A1G621	n	t		t, t	
8		N. Trib Boulder C.	SE29, 38S, 11W	50	70	30, 25	70	250, 40		A1G622	n	t		t, t	
9	5'	Trib Boulder C.	NE29, 38S, 11W	30	50	25, 12	35	240, 20		A1G623	n	t		t, t	
10	3'	UC.	NE29, 38S, 11W	10	50	10, 5	10	200, 5		A1G624	n	0.1		0.5, 0.2	
11	3'	UC.	SE20, 38S, 11W	50	50	15, 25	75	250, 95		A1G625	n	t		t, t	
12	3'	UC.	SW21, 38S, 11W	50	70	20, 28	70	230, 40		A1G626	n	n		t, t	
13		Cu Standard				30, 36									
14		6-1/10 Standard				50, 62		220, 60							
15	3'	Eagle Cr.		50	70	25	110		170	A1G627	n	t		t, t	
16		SW19, T38S, R12W		50		33	85		130		n	0.1		t, 0.1	
17	3'	trib to Eagle Cr.		60	100	33	100		150	A1G628	n	0.1		t, 0.1	
18		SW19, T38S, R12W		60		30	100		150		n	0.15		0.1, 0.15	
19	4'	Mineral Hill Fork		60	100	30	105		160	A1G629	n	0.15		0.15, 0.1	
20		SW29, T38S, R12W		50		25	85		130		n				
21	1	UC. WC 17, T39S, R12W		65	100	35	95		140	A1G630	n	0.1		0.1, tr	
22	1'	Panther Cr. NW8, T39S, R12W		75	70	13	100		160	A1G631	n	0.2		t, 0.2	
23	2'	Nook Cr. NE30, 39S, 12W		60	70	33	85		130	A1G632	n	0.15		0.1, 0.15	
24	6'	L. Hk Emily SE13, 40S, 13W		90	70	50	95		140	A1G633	n	0.4		0.3, 0.1	
25		Cu St.		60		20	45		70						
26		6-1/10		100		33	100		150						
27															
28															
29															
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35															
36															
37															
38															
39															
40															

A = 85A
B = 85B
A = 86A
B = 86B
A = 87A
B = 87B
2 = 88
13 = 89
16 = 90
20 = 91

1965 Soil Hg

BURROUGHS CORPORATION — TODD COMPANY DIV. — L
Form H554

MR

3.0, 3.0 without

0.25, 3.0 with

Mt Emily 1967

Initials | Date
Prepared By
Approved By

			(1) Cu			(2) Zn			(3) Mo		(4) Ag	
			Mk	%	PPM		Shed	PPM				
24 92	1'	So. Fk Pistol Cz, 39S, 13W	45	70	100	70	tr	50	AlH 300		0.1	1
93	1	UC N½2, 39S, 13W	35	70	80	70		50	AlH 301		n	2
94	1	UC SE3, 39S, 13W	30	70	70	60	tr	40	AlH 302		0.1	3
95	2'	NW3, 39S, 13W	25	70	55	50	Tr	35	AlH 303		t	4
96	2'	E. Trib So Fk Pistol SW3, 39S, 13W	35	100	80	50		35	AlH 304		0.1	5
97	3'	N. Trib So Fk Pistol SW4, 39S, 13W	25	50	55	90		60	AlH 305		n	6
98	1'	E. Trib So Fk Pistol SE4, 39S, 13W	30	50	60	70		50	AlH 306		tr	7
52 8			10		20	60		40		3 tr	0.3	8
58 9			15		35	100		70		tr +	0.45	9
59 10			10		20	90		50		tr +	0.2	10
11			20		45	50		35		tr +	tr	11
12												12
13												13
14												14
15												15
16												16
17												17
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29												29
30												30
31												31
32												32
33												33
34												34
35												35
36												36
37												37
38												38
39												39
40		Cu Standard 85 ppm	25									40
		Zn Standard 140ppm				200						77

BURROUGHS CORPORATION
TODD COMPANY DIV. — L
Form H554

MT. MC LOUGHLIN QUAD 1965

Prepared By TF 11-65
Approved By 10-65

		width		(1) Cu ppm	(2) Zn ppm	(3) Mo ppm	(4) Hg ppm
1	A	2'	Deadwood Cr.	3- 3- 70 150	1 50	AIG 634	0.25 t
	B		EC 32 T37S R4E	3- 3- 150	T t (over)		0.25 t
2	A	2'	Beaver Dam Cr	1.5 3- 70 150	T	AIG 635	0.25 t
	B		EC 32 T37S R4E	1.5 1.5 75	T		0.75 Sm 0.15
3	A	2'	Daley Cr.	1.5 70 75	M	AIG 636	1.00S 0.2
	B		EC 32 T37S R4E	1.5 75	T		0.75 0.15
4	A	3'	Pole Bridge Cr.	1.5 70 75	T	AIG 637	0.75S 0.3 0.15
	B		NW 29 T37S R4E	1.5 75	I 50		3.00S 0.6
5	A		Little Butte Cr.	1.5 70 75	N	AIG 638	0.75 0.15
	B		NW 29 T37S R4E	1.5 75	N		0.50 0.1
6	A	6'	UC.	.8 70 40	N	AIG 639	1.50S 0.3
	B		SW 14 T37S R4E	.8 40	N		3.50S 0.7
7	A	2'	South Fork Little Butte Cr	1.5 30 75	T	AIG 640	0.75 0.15
	B		SW 23 T37S R4E	1.5 75	T		0.75 0.15
8	A	12'	South Fk. Little Butte Cr.	3- 50 150	I 50	AIG 641	0.50 0.1
	B		C22 T37S R3E	1.5 75	T		0.25 t
9	A		Dead Indian Cr.	.8 50 40	N	AIG 642	0.25 t
	B		C22 T37S R3E	.8 40	N		0.25 t
10	A	2'	Grizzly Cr.	.4 20 20	N	AIG 643	0.25 t
	B		C16 T37S R3E	.4 20	N		0.25 t
11	A	dry	Dead Indian Cr	.8 30 40	N	AIG 644	0.50 0.1
	B		SW 15 T38S R3E	.8 40	N		0.25 t
12	A	2'	Conde Creek	.8 30 40	N	AIG 645	0.50 0.1
	B		NE 10 T38S R3E	.4 20	N		0.75S 0.15
13	A	1'	UN	.8 50 40	T	AIG 646	0.25 t
	B		SE 33 T36S R3E	.8 40	N		0.25 t
14	A		UN	.8 30 40	T	AIG 647	0.25 t
	B		C31 T35S R5E	.4 20	N	T	1.50S 0.3
15	A		Swan Cr	.4 30 20	T	AIG 648	0.75S 0.15
	B		SW32 T35S R5E	T T	N	T	0.25 t
16	A		Willow Cr.	.8 30 40	N	AIG 649	0.25 t
	B		SE 30 T36S R4E	.8 40	N	T	0.50 0.1
17	A	6'	South Fk. Fourbit Cr.	6 3 (40 30) 150	I n 50	AIG 650	0.25 t
	B	B	NW 27 T 36 35 S R 4E	3 150	I 50		0.25 t
18	A	6"	UC	3 30 150	N	AIG 651	0.50 0.1
		No B.	NW2 T 35S R 3E	1.5 75	T		
	A	2'	East Br. Willow Cr	1.5 30 75	N	AIG 652	0.50S 0.1
	B		NE11 T36S R3E	1.5 75	T	T	0.50 0.1
20	A	2'	West B. Willow Cr	1.5 50 75	T	AIG 653	0.50 0.1
	B		NE11 T36S R3E	1.5 75	N		0.25 t

1966 Analysis

	Cu	Zn	Mo	Hg
#1 Deadwood Cr.	25	t	n	
#7 S.Fk Fourbit Cr.	40	n	n	

note: Sample #4 Pole Bridge Creek

new sample collected by R.C. Bartley 12/64
re run by R.C.B. 12/29/64
sample run in quadruplicate to
0.3, 0.25, 0.4, 0.3
average 0.3

Mt. McLOUGHLIN 1965

Prepared By: TF 11-65
Approved By:

		width		(1) Cu	Mo	PPM	(2) Zn	PPM	(3) Mo	PPM	(4) Hg	PPM	
21 A	1	2'	Bieberstedt Cr	1.5	20	75	1	50	AIG 654		0.25		t
21 B	2		SW3 T 36S R3E	1.5		75	T				0.25S		t
22 A	3	Dry	Duel Cr.	3-	20	150	T		AIG 655		0.25		t
B.	4		SW3 T36S R3E	1.5		75	T				400		n
23 A	5	2'	Indian Cr.	1.5	20	75	T		AIG 656		0.25		t
B	6		C28 T35S R3E	1.5		75	N				0.25		t
	7		Big Draw Cr. N½10, 38S, 4E		70	50		n	AIG 657	n			
25	8		Beaver Dam Cr. SE3, 38S, 4E		50	15		n	AIG 658	n			
24	9		S. Fk Fourbit Cr. NW27, 35S, 4E		50	25		n	AIG 659	n			
	10												
	11												
	12												
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	40												

BURROUGHS CORPORATION TODD COMPANY DIVISION Form 1555

OREGON CAVES QUAD 3/25

McM No. B1515—12

	LOCATION STREAM	SECT-TWN-RNG	Cu (Semi quant. spec) ppm	Cu (corrected 5-13-63)	Zn r	Zn ppm	Mo r	Mo ppm	Hg ppm	
1	U.C.	NW28-38S-6W	50	50	1	A16660	0.4	4	0.15	075	1
2	U.C.	SE29-38S-6W	50	50	n	A16661	n		0.1	050	2
3	U.C.	SE29-38S-6W	70	50	1	A16662	n		0.1	050	3
4	U.C.	E½32-38S-6W	50		n	A16663	n		0.1	050	4
5	Deer C.	SE32-38S-6W	70	50	n	A16664	n		0.1	050	5
6	U.C.	S½33-38S-6W	20	50	n	A16665	0.4	4	0.1	050	6
7	Little Greyback C.	SW24-39S-7W	50	50	1	A16666	0.4	4	0.4	200	7
8	Lake C.	SE24-39S-7W	30	50	n	A16667	n		0.1	050	8
9	U.C.	SW29-39S-6W	30	50	n	A16668	n		t	025	9
10	U.C.	Conf 29-39S-6W	50	50	1	A16669	n		0.1	050	10
11	U.C.	NW 28-39S-6W	30		n	A16670	n		0.1	05	11
12	White Rock C.	NW 28-39S-6W	50	50	n	A16671	n		0.1	05	12
13	Lost Canyon	N½ 28-39S-6W	20		n	A16672	n		0.1	05	13
14	U.C.	NW27-39S-6W	20		n	A16673	n		0.1	05	14
15	Mossback Cr.	NW27-39S-6W	50	50	1	A16674	n		t	025	15
16	U.C.	NW35-39S-6W	70	50	n	A16675	n		0.15	075	16
17	Windy C.	SW36-39S-6W	20		n	A16676	n		t	025	17
18	Jenny C. (?)	NW1-40S-6W	30		n	A16677	n		t	025	18
19	Greyback C.	SE1-40S-6W	30		n	A16678	n		t	025	19
20	Nelson C.	NW23-39S-7W	70	50	n	A16679	n		0.1	050	20
21	U.C.	NE31-39S-6W	20		n	A16680	n		t	025	21
22	U.C.	SE36-39S-6W	30	50	1	A16681	n		t	025	22
23	U.C.	SE36-39S-6W	70	50	1	A16682	n		0.1	050	23
24	Johnson C.	NW1-40S-7W	50		n	A16683	n		t	025	24
25	Cave C.	SE36-39S-7W	50		n	A16684	n		0.1	050	25
26	Yeager C.	SE12-40S-7W	70	50	1	A16685	n		0.15	075	26
27	Lake C.	NW10-40S-7W	30	50	n	A16686	n		0.1	050	27
28	Panther C.	NW10-40S-7W	20		n	A16687	n		0.15	075	28
29	U.C.	SE4-40S-7W	50	50	1	A16688	n		0.3	175	29
30	U.C.	SE4-40S-7W	70	50	n	A16689	n		0.2	125	30
31	Williams C.	N½26-38S-5W	30	50	n	A16690	n		t	025	31
32	Butcher C.	NW27-38S-5W	20		n	A16691	n		0.3	175	32
33	Banning Cr.	Conf 28-38S-5W	30	50	n	A16692	n		0.1	050	33
34	Panther Cl.	Int. 28-11-38S-5W	50	50	n	A16693	n		t	025	34
35	Clapboard C.	E½10-39S-5W	20	50	n	A16694	n		t	025	35
36	Bl. Fk. Rock C.	NE28-39S-5W	30	50	n	A16695	[illegible]		0.1	05	

OREGON CAVES QUAD.

MCM No. B1515—12

		LOCATION	Sect-Twn-Rng	Semiquant Spec Cu	contacted 5/3 ppm Cu	Semiquant Spec Zn	Zn PPM		Mo PPM	Hg ppm	
37	1	Rock G.	NE28-39S-5W	30	tr	n		A16696	n	0.15	0.5 1
38	2	Rock G.	SW14-39S-5W	30	tr	n		A16697	n	n	n 2
39	3	Glade fk.	NW23-39S-5W	20	tr	n		A16698	n	t	0.25 3
40	4	China Cr.	SW33-38S-5W	20	tr	n		A16699	n	0.15	0.75 4
41	5	N. Marble Gl.	NW5-39S-5W	30	5	50	n	A16700	n	t	0.25 5
42	6	Mule Gl.	NW5-39S-5W	30	tr	tr	n	A16701	n	t	0.25 6
43	7	U.C.	N½11-39S-6W	50	10	100	n	A16702	0.4	0.1	0.5 7
44	8	U.C.	NW11-39S-6W	50	10	100	n	A16703	n	0.4	2.0 8
45	9	Bear Wallow G.	NW11-39S-6W	70	10	100	n	A16704	n	0.4	2.0 9
46	10	Bill G.	NW14-39S-6W	30	tr	tr	tr	A16705	n	0.3	1.25 10
47	11	U.C.	[redacted]W14-39S-6W	70	5	50	tr	A16706	n	0.6	4.25 / 1.75 11
48	12	Goodwin G.	NW8-39S-5W	30	tr		2	100 A16707	n	0.15	0.75 12
49	13	Lone G.	SE7-39S-5W	30	tr	n		A16708	n	t	0.25 13
50	14	U.C.	SE13-39S-6W	70	10	100	tr	A16709	n	0.3	1.75 14
51	15	Bill G.	NE13-39S-6W	70	10	100	tr	A16710	n	0.2	1.00 15
52	16	Rt hand fork of West Fork	W½18-39S-5W	50	tr	n		A16711	n	0.15	0.75 16
53	17	West Fork	NW18-39S-5W	30	tr	n		A16712	n	t	0.25 17
54	18	Munger G.	W½5-39S-5W	70	tr	n		A16713	n	t	0.25 18
55	19	Swamp G.	W½6-39S-5W	30	tr	n		A16714	n	0.15	0.75 19
56	20	U.C.	SE36-38S-6W	50	tr	n		A16715	n	t	0.25 20
57	21	N.Fk. Munger G	NE36-39S-6W	50	5	50	n	A16716	n	0.1	[illegible] 21
58	22	U.C.	NE14-40S-5W	70	5	50	tr	A16717	n	0.3	[illegible] 22
59	23	Bigelow G.	SW15-40S-5W	50	5	50	n	A16718	n	0.15	0.75 23
60	24	Lewis G.	NE14-40S-5W	50	tr		n	A16719	n	0.1	0.50 24
61	25	U.C.	SW26-40S-5W	70	10	100	tr	A16720	n	0.15	0.75 25
62	26	U.C.	NE34-40S-5W	70	10	100	tr	A16721	n	0.2	1.25 26
63	27	Loco Gap G.	NE34-40S-5W	30	tr	n		A16722	n	0.15	0.75 27
64	28	U.C.	E½33-40S-5W	50	5	50	tr	A16723	n	0.2	1.00 28
65	29	O'Connell G.	SE33-40S-5W	30	tr		n	A16724	n	0.3	1.50 29
66	30	Rt. Hand Fk Steve Fk.	SW33-40S-5W	50	5	50	n	A16725	n	0.15	0.75 30
67	31	Steve Fork	S½33-40S-5W	30	5	50	n	A16726	n	t	0.25 31
	32										32
	33										33
	34										34
	35										35

CREEON CAVES of 1965

Initials Date
Prepared By TF 3/66
Approved By

		wide		(1) Cu %	Cu PPM		(2) Zn	Zn PPM	(3) Mo	(4) Hg	Hg PPM	
69	1		CAVE Gr, SE36, 39S, 7W (also 23)	1.0	50	50	1			A16727	025	t
70	2		Johnson Gl. NW1, 40S, 7W (24)	1.5	50	75	T			A16728	050	0.1
71	3		Sucker Gr, NW1, 40S, 7W	1.5	50	75	1	50		A16729	025	t
72	4		Cohen Gr. NW18, 40S, 6W	1.0	50	50	2	100		A16730	025	t
73	5		Sucker Gr, SW18, 40S, 6W	1.5	70	75	1	50		A16731	025	t
74	6		UC, SW18, 40S, 6W	1.5	50	75	1	50		A16732	000	n
75	7		Mule Gr. NW19, 40S, 6W	1.5	70	75	2-	100		A16733	050	0.1
76	8		UC, NW19, 40S, 6W	2.0	70	100	1	50		A16734	050	0.1
77	9		Gold Dollar Gr. C19, 40S, 6W	1.5	50	75	T			A16735	100	0.2
78	10		UC, SE19, 40S, 6W	1.5	70	75	1	50		A16736	050	0.1
79	11		Dolan Gr. SE19, 40S, 6W	3	50	150	1	50		A16737	025	t
80	12											
81	13											
82	14											
83	15		UC, SE19, 40S, 6W	1.0	50	50	1	50		A16738	050	0.1
84	16		Elkhorn Gr. SE20, 40S, 6W	.8	50	40	1	50		A16739	125	0.2
85	17		Limestone Gr, NE29, 40S, 6W	.8	30	40	N			A16740	075	0.1
86	18		West Fk. Sucker, NE29, 40S, 6W	.8	50	40	N		15	A16741	025	t
87	19		Sucker Gr. NE29, 40S, 6W	.8	30	40	N			A16742	025	t
88	20		LAYMAN Gr. NE32, 40S, 6W	.8	50	40	T			A16743	025	t
89	21		UC. NW33, 40S, 6W	.8	30	40	T		n	A16744	175	0.15
90	22		Grizzly Gulch, NE5, 41S, 6W	1.5	70	75	T	tr		A16745	050	0.1
91	23		Sucker Gr, NW4, 41S, 6W	1.0	30	50	1	50		A16746	025	t
92	24		UC, NE4, 41S, 6W	2.0	70	100	1	50		A16747	050	0.1
93	25		Deadhorse Gr, C4, 41S, 6W	1.5	50	75	1	50		A16748	050	0.1
94	26		TANNEN Gr, SE4, 41S, 6W	1.0	50	50	1	50		A16749	050	0.1
95	27		East TANNEN Gr, SE4, 41S, 6W	.8	70	40	1	50		A16750	050	0.1
96	28		Yew Gr, NW3, 41S, 6W	2.0	70	100	T			A16751	075	0.15
97	29		UC NW3, 41S, 6W	2.0	70	100	1	tr 50		A16752	075	0.15
98	30		UC, SE3, 41S, 6W	.8	30	40	T			A16753	025	t
99	31		UC, SE3, 41S, 6W	1.0	50	50	T			A16754	025	t
100	32		Sucker Gr, NW11, 41S, 6W	1.0	50	50	1	50		A16755	025	t
101	33		Thirteen mile Gr. NW11, 41S, 6W	1.0	50	50	T			A16756	025	t
102	34		Fehley Gulch, NW11, 41S, 6W	1.0	50	50	T			A16757	025	t
103	35		UC, NW11, 41S, 6W	1.0	30	50	T			A16758	025	t
104	36		UC, SW12, 41S, 6W	1.0	50	50	T			A16759	000	n
105	37		Sucker Gr, SW12, 41S, 6W	1.0	50	50	T			A16760	050	0.1
106A	38	S	Deep Gr, NW27, 40S, 6W	1.0	50	50	1	50		A16761	025	t
	39											
	40		Prospect #20	1.5			1	50				
			Standard	.8								82

OREGON CAVES 1965

Prepared By	Initials	Date
	TF	7/66
Approved By		

	wide		(1) Cu	Semiquant (spec)	PPM	(2) Zn	PPM	(3) Mo	(4) Hg	PPM
1C7A	1'	UC NW27, 40S, 6W	1.0	50	50	1	50	A1G762	025	t
1C8A		UC, SE27, 40S, 6W	1.0	30	50	1	50	A1G763	025	t
109A	2	Brush Cr, NW 26, 40S, 6W	1.0	50	50	T	t	A1G764	025	t
110A		Brush Cr, NW 26, 40S, 6W	1.0	30	50	N	n	A1G765	025	t
111A	2	UC, NW 26, 40S, 6W	1.0	50	50	1	50	A1G766	000	n
112A	6	Left Fork Sucker, SW 26, 40S, 6W	1.0	50	50	1	50	A1G767	050	0.1
113A		UC, SW 26, 40S, 6W	1.0	30	50	1	50	A1G768	050	0.1

BURROUGHS CORPORATION TODD COMPANY DIV. Form 5

PEARSOLL PEAK QUAD
~~ILLINOIS RIVER TRAVERSE~~

MCM No. B1515—12

	STREAM NAME	LOCATION SEC-Twn-Rng.	Sem Mineral Cu PPM	Cu	Zn		Mo		Hg	
1	Labrador Cr	SE 1-37S-10W	70	50	n	A1G 769	n	0.15	0.75	1
2	Nome Cr	N 12-37S-10W	100	50	tr	A1G 770	n	0.1	0.5	2
3	York Cr.	NE 2-37S-10W	70	50	n	A1G 771	n	0.1	0.5	3
4	across river from York Cr.	E 2-37S-10W	100	50	n	A1G 772	n	0.2	1.0	4
5	CLEAR Cr.	SW35-36S-10W	100	50	n	A1G 773	n	0.85	5P/3.0	5
6	S. Side River	NE 3-37S-10W	70	50	n	A1G 774	n	0.1	0.5	6
7	S. Side River	N 3-37S-10W	100	200	n	A1G 775	n	0.2	1.0	7
8	Pine Cr.	NE 34-36S-10W	70	50	n	A1G 776	n	0.2	1.0	8
9	FLORENCE Cr.	NE 33-36S-10W	50	50	n	A1G 777	n	0.15	0.75	9
10	KLONDIKE Cr.	SE 32-36S-10W	70	50	n	A1G 778	n	0.1	0.50	10
11	YUKON Cr.	SE 32-~~37S~~ 36S-10W	70	50	n	A1G 779	n	0.1	0.50	11
12	S. Side River	NE 31-36S-10W	70	50	tr	A1G 780	n	0.15	0.75	12
13	Sulphur Cr.	C 30-36S-10W	50	50	n	A1G 781	n	0.1	0.50	13
14	U.C. N. Side	SE 36-36S-11W	50	50	tr	A1G 782	n	0.4	2.0	14
15	N. Side river	C 36-36S-11W	70	50	n	A1G 783	n	0.2	1.0	15
16	W. Side	E 2-37S-11W	30	50	n	A1G 784	n	0.2	1.0	16
17	W. Side	NE 11-37S-11W	30	50	n	A1G 785	n	0.1	0.5	17
18	W. Side	SW 11-37S-11W	30	50	n	A1G 786	n	0.3	1.5	18
19	@ horseshoe bend	SW 14-37S-11W	50	50	n	A1G 787	n	0.15	0.75	19
20	S. Side	15-37S-11W	70	100	n	A1G 788	n	0.1	0.50	20
21	N. Side river	15-37S-11W	50	50	n	A1G 789	n	t	0.25	21
22	S. Side river	W 15-37S-11W	30	50	n	A1G 790	n	0.1	0.50	22
23	S. Side river	16-37S-11W	50	50	n	A1G 791	n	t	0.25	23
24	E. Side river	4-37S-11W	50	50	n	A1G 792	n	0.15	0.75	24
25	Collier Cr.	SE 32-36S-11W	50	50	n	A1G 793	n	0.2	1.0	25
26	E. Side	W 33-36S-11W	100	50	n	A1G 794	n	0.15	0.75	26
27	E. Side	SW 28-36S-11W	50	50	n	A1G 795	n	t	0.25	27
28	~~S.E. 20~~ W. Side	SE 29-36S-11W	50	50	n	A1G 796	n	0.1	0.50	28
29										29
30										30
31										31
32										32
33										33
34										34
35										35

COLLIER BATTE Quad

Spec Analysis on
Illinois River
5
6
7
12
13
14

total fusion on sample #7 shows 20ppm Cu. 200 corrected 3/13/65

Parsell Peak 1966

Initials Date
Prepared By
Approved By

			(1) Cu PPM	MR	(2) Zn PPM	MR	(3) Mo PPM	Zn		(4) Hg PPM	MR
80 N	1	Slide Cr. W½ 14, T38S, R10W	50	24 18/22	85		20	A1G825	n	0.1	0/0.5
81 O	2	Miller Cr., W½ 14, 38S, 10W	50	24 0/22	80	0/145	10	A1G826	n	0.2	0/1.0
38	3	UC, SW19, 37S, 10W	70	28 20/20	80	10/140	15	A1G827	n	0.1	0/0.5
	4										
40	5	Lucky Cr. SE19, 37S, 10W	70	39 20/32	75	100/100	0	A1G828	n	0.1	0/0.5
41	6	UC. NE, NW 29, 37S, 10W	70 90/100	62 50/55	80	100/100	0	A1G829	n	0.1	0/0.5
42	7	UC. E½, NW29, 37S, 10W	70	38 35/40	80	0/130	0	A1G830	n		0/0
43	8	UC E½ NW29, 37S, 10W	100/100	80 55/117	80	10/110	15	A1G831	n		0/0
44	9	Tincup SE, NE 29, 37S, 10W	70/100	47 65/60	80	30/115	20	A1G832	n		n/0
45	10	UC NE, SE 29, 37S, 10W	100/145	53 35/75	90	50/150	15	A1G833	n	0.2	n/1.0
46	11	Crater SW 3, 38S, 10W	30	20 15/20	70	25/165	10	A1G834	n	0.1	n/0.5
47	12	Granite Cr. SW3, 38S, 10W	100/100	50 57/63	70	0/210	20	A1G835	n	0.1	0.5/0.5
48	13	UC SE17, 38S, 10W	70	46 15/40	80	10/120	10	A1G836	n	0.1	n/0.5
49	14	UC NW19, 38S, 10W	50	45 8/21	80	0/140	50	A1G837	n	0.1	n/0.5
50	15	Box Canyon Cr. NW19, 38S, 10W	70	40 12/40	80	0/140	25	A1G838	n	0.1	n/0.5
	16										
	17	rerun on									
E	18	Sluice Creek NW7, 38S, 10W	70	38 18/47		0/175	130	A1G839	n	0.1	n/0.5
72 E	19	Sluice Cr. SE6, 38S, 10W	70	38 18/47		30/160	90	A1G840	n	0.1	n/0.5
	20										
	21	G-1/10		62			60				

Semiquan. 1 year

PEARSOLL PEAK 1965

Prepared by TF 2/66
Approved by

		wide		(1) Cu ppm			(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
A	M	15	Babycoot Cr. NW22, 38S, 10W	1.5	70	75	1		50	n	AH8813	0.75	0.15
B	M	12-15	Slide Cr. SW15, 38S, 10W	0.8	50	40	n			n	AH8814	0.25	t
C	M	6	Uncalled, NW15, 38S, 10W	0.4	50	20	n			n	AH8815	0.25	t
D	M	12	Granite Cr. NW17, 38S, 10W	3.0	100	150	n			n	AH8816	0.25	t
E	M	10	Sluice Cr. NW 7, 38S, 10W	6.0	150	300	n			n	AH8817	0.50	0.1
F	M	8	Box Canyon Cr. SE12, 38S, 11W	1.2	70	75	n			n	AH8818	0.00	n
G	M	8	Uncalled, NW11, 38S, 11W	0.8	50	40	1		50	n	AH8819	0.25	t
H	M	6	Uncalled, NW11, 38S, 11W	0.8	50	40	1		50	n	AH8820	0.25	t
I	M	6-8	No name, Nc. 2, 38S, 11W	1.4	70	50	1		50	n	AH8821	0.25	t
J	M	4'	Uncalled, E½, 37½S, 11W	0.8	50	40	n			n	AH8822	0.25	t
K	M	3	Uncalled, SW¼, 37½S, 11W	1.0	50	50	n			n	AH8823	0.50	0.1
L	M	3	Uncalled, SW¼, 37½S, 11W	1.5	70	75	2		100	n	AH8824	0.50	0.1
			Copper STANDARD	1.0									

Resample of		Cu	Zn	Mo	Hg
E Sluice Cr.	NW 7,385 10W	85	100	n	

PEARSOLL PEAK Quad

McM No. B1515—12

	Location Stream	Sect - Twn - Rng.	Semiquant 5 pct	Cu ppm	Corrected	Semiquant 5 pct	r	Zn ppm	r	Mo ppm	Hg	
51 = 1	Stove Gl.	NW3-38S-9W	70	tr			n	Alh797	n	0.3	1.50	1
52 = 2	Knapke Gl.	C 33-37S-9W	70	~~5~~	50		n	Alh798	n	0.3	1.50	2
53 = 3	Rancherie Cr.	NE5-38S-9W	50	tr			1	50 Alh799	n	t	025	3
54 = 4	W.Fk. Rancherie G.	NE5-38S-9W	70	~~15~~	150		n	Alh800	n	0.2	1.00	4
55 = 5	Fall G.	SW33-38S-9W	300	~~30~~	300	tr	n	Alh801	n	0.15	075	5
56 = 6	McGuire Gl.	W½28-37S-9W	70	tr			1	50 Alh802	n	0.15	50.75	6
57 = 7	UC	SW21-37S-9W	70	tr		tr	1	50 Alh803	n	t	025	7
58 = 8	Five fingers Gl.	N½21-37S-9W	50	tr			n	Alh804	n	t	025	8
59 = 9	U.C.	N½21-37S-9W	30	tr			n	Alh805	n	0.1	050	9
60 = 10	U.C.	SW16-37S-9W	70	~~5~~	50	tr	n	Alh806	n	t	0.25	10
61 = 11	U.C.	SE 8-37S-9W	50	tr			1	50 Alh807	n	0.15	075	11
62 = 12	U.C.	N½8-37S-9W	70	tr			1	50 Alh808	n	0.1	050	12
63 = 13	Briggs G	SE6-37S-9W	50	tr			n	Alh809	n	0.15	075	13
64 = 14	Panther G.	SW6-37S-9W	70	~~15~~	150		1	50 Alh810	n	t	025	14
65 = 15	Baker G.	SE8-37S-9W	50	tr			n	Alh811	n	t	025	15
1964 16			MR	PPM								16
66 = 17	Rawhide Gl.	SW27-35S-9W	57 70	83			n	Alh812	n	0.2	.125	17
18												18
19												19
20												20
21												21
22												22
23												23
24												24
25												25
26												26
27												27
28												28
29												29
30												30
31												31
32												32
33												33
34												34
35												35

S - Smoke

Pearson Peak 1967

Initials | Date
Prepared By
Approved By

	Width		(1) Cu PPM	(2) Zn PPM		(3) Mo		(4) Hg PPB	
90	1	W. Trib Soldier C. SW10, 37S, 9W	20	10 45	0	AIH 777		n	1
91	7'	Red Dog C. NW3, 37S, 9W	35	70 80	0	AIH 778		n	2
92		Todd C. SW NE5, 36S, 9W	60	150 130	0	AIH 779		n	3
93		Little Todd C. W½NE12, 36S, 10W	85	200 119	0	AIH 780		0.2	4
94		UC N½12, 36S, 10W	115	200 250	0	AIH 781	5+	0.1	5
95		Phillips Cr. NW12, 36S, 10W	115	200 250	0	AIH 782		n	6
96		Little Silver SW11, 36S, 10W	65	100 150	0	AIH 783		n	7
97		Trail Canyon NW, NW14, 36S, 10W	115	200 250	0	AIH 784		n	8
98		Dorr Canyon NE15, 36S, 10W	80	150 175	60	40	AIH 785	t	9
99		UC NESW10, 36S, 10W	25	50 55	0		AIH 786	t	10
100		So. Fk Silver Cr. E½, SE9, 36S, 10W	40	70 90	40	30	AIH 787	t	11
101		No. Fk Silver SW, NE, 9, 36S, 10W	50	100 110	80	50	AIH 788	t	12
102		UC NW9, 36S, 10W	40	30 90	100	65	AIH 789	t	13
103		UC SE, SW5, 36S, 10W	20	30 45	60	40	AIH 790	0.15	14
104		UC C7, 36S, 10W	25	50 65	80 tr	50	AIH 791	t	15
105		UC W½7, 37S, 10W	45	80 100	110 tr	70	AIH 792	n	16
106		N. Trib Silver W½SE13, 36S, 11W	25	30 55	30	20	AIH 793	tr	17
107		S. Trib Silver C S½13 36S, 11W	40	70 90	70 tr	45	AIH 794	0.1	18
108		N Trib Silver C. SE14, 36S, 11W	25	30 65	70	45	AIH 795	n	19
109		S. Trib Silver C. SW, SE14, 36S, 11W	25	30 65	60	40	AIH 796	tr	20
110		S. Trib Silver C. NE22, 36S 11W	40	70 90	70 tr	45	AIH 797	n	21
111		N. Trib Silver C. N½NE22, 36S, 11W	50	150 110	100 tr	65	AIH 798	n	22
112		S. Trib Silver ¼ Cor S-22 36S, 11W	50	70 110	90 tr	60	AIH 799	n	23
24									24
25									25
26									26
27									27
28									28
29									29
30									30
31									31
32									32
33									33
34									34
35									35
36									36
37									37
38									38
39									39
40		Cu Standard 55ppm	25						40
		Zn Standard (140ppm		200					

BURROUGHS CORPORATION TODD COMPANY DIV. — L Form H554

Pelican Butte 1965

Prepared by TF 2/66

		wide		(1) Cu r	(1) Cu ppm	(2) Zn r	(2) Zn ppm	(3) Mo r	(3) Mo ppm	(4) Hg r	(4) Hg ppm
1A	1	14	Sevenmile Cr, SE11, 33S, 6E	0.4	30	20	n	n	Alk 841	025	
2A	2	5	Threemile Cr, SE2, 34S, 6E	0.4	50	20	n	n	Alk 842	025	
3A	3	2	Uncalled, EC 3, 34S, 6E	0.8	50	40	n	n	Alk 843	000	
4A	4	2	Nannie Cr. SE10, 34S, 6E	0.8	50	40	1	50	n	Alk 844	025
5A	5	10	Cherry Cr. NW23, 34S, 6E	0.4	30	20	n		n	Alk 845	000
6A	6		Rock Cr. NW 3, 35S, 6E	0.8	50	40	n		n	Alk 846	025
7A	7	2	Penn Cr. NW 3, 35S, 6E	0.8	70	40	n		n	Alk 847	025
8A	8	4	Uncalled, NE4, 35S, 6E	0.8	50	40	N		n	Alk 848	025
9A	9	4	Lost Cr. 2 miles east of Center Lake 35S, 5E	0.4	30	20	N		n	Alk 849	025
	10										
	11										
	12										
	13										
	14										
	15										
	16										
	17										
	18										
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	26										
	27										
	28										
	29										
	30										
	31										
	32										
	33										
	34										
	35										
	36										
	37										
	38		Did not sieve or run "B" samples								
	39										
	40										
			Copper Standard	1.0							

PORT ORFORD 1965

Prepared By TF 1/66

Approved By

d- dry		wide		Cu ppm	Zn ppm	Mo ppm	Hg ppm
1M	1	3	Uncalled SE10, 35S, 14W	.8 30	40 N	AG850	025 t
2M	2	3	B oulder Cr. NC1o, 35S, 14W	.8 20	40 N	AG851	025 t
3M	3	3	Uncalled NW2, 35S, 14W	1.5 50	75 N	AG852	050 0.1
4M	4		Crew Canyon NW2, 35S, 14W	1.0 30	50 N	AG853	025 t
5M	5	3	Crooked Bridge Cr SE35, 34S, 14W	1.5 50	75 N	AG854	050 0.1
6M	6	3	N Fk Hubbard Cr SE4, 33S, 15W	.8 50	40 N	AG855	025 t
7M	7	2	Hubbard Cr. NE10, 33S, 15W	.8 50	40 N	AG856	075 0.2
8M	8	3	M Fk Hubbard Cr SE3, 33S, 15W	.8 50	40 N	AG857	050 0.1
9M	9	2	Retz Cr. SE15, 33S, 15W	.8 30	40 N	AG858	025 t
10M	10		Uncalled NE22, 33S, 15W	.8 (65) 50	40 N (75)	AG859 7/15 (over)	1009 0.2
11M	11	3d	Dry Run Cr. NW25, 33S, 15W	1.5 50	75 T	AG860	025 t
12M	12		Uncalled SE25, 33S, 15W	1.5 70	75 T	AG861	025 t
13M	13	5	Beartrap Cr. SE36, 33S, 15W	.8 30	40 N	AG862	050 0.1
14M	14		Brush Cr. NW6, 34S, 14W	.8 50	40 T	AG863	025 t
15M	15		Rinehart Cr. NE18, 34S, 14W	.4 30	20 N	AG864	025 t
16M	16	4	Myrtle Cr. NW20, 34S, 14W	.8 50	40 N	AG865	050 0.1
17M	17	3	Uncalled SW21, 34S, 14W	.8 30	40 N	AG866	025 t
18M	18	2	Uncalled SE21, 34S, 14W	1.0 70	50 T	AG867 5	1009 0.2
19M	19	2	Uncalled WC22, 34S 14W	1.0 50	50 I 50	AG868	050 0.1
20M	20	2	Uncalled C22. 34S, 14W	1.5 30	75 T	AG869	025 t
21M	21	3	Uncalled SE22, 34S, 14W	.8 30	40 I 50	AG870	050 0.1
22M	22	4	Rock Cr. SE21, 35S, 14W	.8 20	40 N	AG871	025 t
23M	23	3	Miller Cr NE28, 35S, 14W	.8 50	40 I 50	AG872	050 0.1
24M	24	3	Champman Cr NW7, 33S, 14W	1.5 70	75 I 50	AG873	025 t
25M	25	2	Uncalled SE31, 32S, 14W	1.5 30	75 N	AG874	025 t
26M	26	4	Anvil Cr. NE6, 33S, 14W	1.0 30	50 N	AG875	050 0.1
27M	27	3	Uncalled SW16, 33S, 14W	1.5 70	75 N	AG876	025 t
28M	28		Sa mple not collected				
29M	29	2	Slate Cr. SW14, 33S, 14W	1.5 50	75 I 50	AG877	050
30M	30	4	Purple Mtn Cr SE23, 33S, 14W	2.0 70	100 N	AG878	025 t
31M	31	5	Red Cedar Cr. SW13, 33S, 14W	1.5 50	75 N	AG879	025 t
32M	32	4	Sunshine Cr C13, 33S, 14W	1.0 70	50 T	AG880	025 t
33M	33	2	Uncalled SE18, 33S, 13W	.8 50	40 N	AG881	050 0.1
34M	34	4	Uncalled NE30, 33S, 14W	1.0 100	50 N	AG882	050 0.1
35M	35	8	Panther Cr NE30, 33S, 14W	.8 30	40 T	AG883	025 t
36M	36	3d	Uncalled NC30, 33S, 13W	1.0 50	50 N	AG884	050 0.1
37M	37	12	Panther Cr. NE19, 33S, 13W	1.5 70	75 N	AG885	025 t
38M	38	4d	Lost Cr. SW17, 33S, 13W	2.0 70 100	100 N	AG886	050 0.1
39M	39	3	Uncalled SW8, 33S, 14W	30 (110) 100 150	N (135) (over) 1966	AG887 7/t	1009 0.2
	40						
			Copper Standard	110			

90

1966 results

				Cu	Zn	Mo	Hg
130	Unnamed creek	NE 22, 33S, 15W		65	75	nil	2
139	HC	SW 8, 33S, 14W		110	135	nil	0.2

Port Orford

	Initials	Date
Prepared By		
Approved By		

		Width		(1) Cu MR	Cu PPM	(2) Zn MR	Zn PPM	(3) Mo		(4) Hg PPM	
40	1	3'	E. Trib Lobster Cr. S½18, 35S, 13W	40	70	160	80	n	AlG888	0.15	smoke
41	2	3'	E. Trib. Lobster Cr. SE¼, 35S, 13W	40	70	210	105	n	AlG889	0.15	
42	3	4	Deadline Cr. NE¼, 35S, 13W	40	70	215	105	n	AlG890	0.1	
43	4	2	NW Trib Lobster Cr. C7, 35S, 13W	30	70	50	100	n	AlG891	0.1	
44	5	8'	Face Cr. N½4, 35S, 13W	40	50	70	85	n	AlG892	t	
45	6	15'	Lobster Cr. NW2¼, 34S, 13W	30	30	55	90	n	AlG893	0.15	
46	7	2	W. Trib Lobster Cr NW4, 35S, 13W	50	50	90	105	n	AlG894	t	
47	8	2'	re rock Port Orford #10	35	20	65	70	n	AlG895	t	
48	9	3'	re rock Port Orford #39	100	100	110	270	135	n	AlG896	0.2
	10										
	11										
	12										
	13										
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	38										
	39										
	40			55		200					

Semiquant spec

Semiquant spec

BURROUGHS CORPORATION TODD COMPANY DIV. Form H554

PORT ORFORD 1967

	Initials	Date
Prepared By		
Approved By		

BURROUGHS CORPORATION — TODD COMPANY DIV. — Form H551

				(1) Cu PPM		(2) Zn PPM		(3) Mo PPM	(4) Hg Intensity	Hg Significant	
48		UC	C35, 33S, 14W	35	50	75	[illegible] tr	[illegible]	t	n	1
49	5'	UC	SE35, 33S, 14W	20	50	45	60 tr	[illegible]	0.1	n	2
50	1'	UC	SE35, 33S, 14W	30	70	65	50 tr	[illegible]	t	n	3
51	7'	Bald Mtn G.	SW35, 33S, 14W	25	15	55	50	[illegible]	n	n	4
52	2'	W. Trib Bald Mtn G.	SW35, 33S, 14W	20	20	45	40	[illegible]	0.15	n	5
53	5'	W. Trib Bald Mtn G.	SE27, 33S, 14W	0	10	n	0	[illegible]	0.15	n	6
54	2'	E. Trib Bald Mtn G.	SE27, 33S, 14W	0	20	n	0	[illegible]	0.1	n	7
55		E. Trib Bald Mtn G.	SE27, 33S, 14W	0	15	n	0	[illegible]	0.15	n	8
56	4'	W. Trib Bald Mtn G.	C27, 33S, 14W	10	20	20	0	[illegible]	3+ t	n	9
57	3'	E. Trib Bald Mtn G.	NW27, 33S, 14W	5	20	10	0	[illegible]	0.2	n	10
58	3'	S. Trib Bald Mtn G.	NW27, 33S, 14W	10	15	20	0	[illegible]	0.1	n	11
59	10'	South Fork	SW20, 33S, 14W	35	70	75	75	[illegible]	0.1	n	12
60	6'	Bear G.	NE19, 33S, 14W	35	70	75	70	[illegible]	0.15	n	13
61	1'	UC	NW17, 33S, 13W	30	70	65	30	[illegible]	0.15	n	14
62		UC	NW8, 33S, 13W	30	[illegible]	65	50	[illegible]	0.1	n	15
63		Butler G.	NE31, 32S, 13W	35	50	75	0	[illegible]	0.1	n	16
64											17
65	5'	UC	NW33, 32S, 13W	40	50	90	30	[illegible]	0.1	n	18
66	2'	UC	SE32, 32S, 13W	30	50	65	50	840	0.1	n	19
67	2'	UC	NW7, 34S, 13W	50	70	110	90 tr	1890	t	n	20
68	1'	UC	N½7, 34S, 13W	30	70	65	60	[illegible]	0.15	0.2	21
69	3'	N. Trib Euchre G.	NW7, 34S, 13W	30	70	65	60	[illegible]	0.1	n	22
70	4'	N. Trib Euchre G.	NE12, 34S, 14W	35	50	75	60	[illegible]	n	n	23
71	2'	E. Trib Euchre	NE12, 34S, 14W	40	70	90	70 tr	[illegible]	0.1	n	24
72	4'	W. Trib Euchre	SW12, 34S, 14W	50	70	110	80 tr	[illegible]	[illegible]	n	25
73	2'	W. Trib Euchre	N½13, 34S, 14W	50	50	110	80	1890	3+ 0.15	n	26
74	2'	E. Trib Euchre	NE13, 34S, 14W	50	70	110	50	[illegible]	t	n	27
75	3'	E. Trib Euchre	NE24, 34S, 14W	[illegible]	50	75	70	[illegible]	t	n	28
76	4'	E. Trib Euchre	NE25, 34S, 14W	[illegible]	50	75	100	[illegible]	t	n	29
77	2'	E. Trib Euchre	NE36, 34S, 14W	50	70	110	75	[illegible]	0.15	0.15	30
78	5'	N. Trib Rogue	NE32, 35S, 14W	25	50	55	[illegible]	[illegible]	t	n	31
79	6'	Lost Valley G.	NW28, 34S, 13W	25	30	55	60	[illegible]	t	n	32
33		Cu Standard		25							33
34		Zn Standard 120 ppm					ND				34
35											35
36											36
37											37
38											38
39											39
40											40

Cu Standard 1 ppm

Zn Standard 1 ppm

POWERS Quadrangle 1965

Prepared By TF 11-65
Approved By

		Width		(1) Cu Semiquant Spec	PPM	(2) Zn Semiquant Spec	PPM	(3) Mo	PPM	(4) Hg	PPM
1M	1	4'	Halls Cr. SE18 T32S R11W	1.5	20		75 N	AIG 972		0.25	t
2M	2	3'	China Cr. NE23 T32S R12W	.8	30		40 N	AIG 973		0.50	0.1
3M	3	3'	Dry Cr. NE23 T32S R12W	1.5	70		75 N	AIG 974		0.25	t
4M	4	2'	Hickory Cr. S23 T32S R12W	.8	30		40 N	AIG 975		0.25	t
5M	5	1.5'	Johnson Cr. NE33 T32S R12W	1.5	50		75 N	AIG 976	7	0.00	n
6M	6	10'	Sucker Cr. NE33 T32S R12W	1.5	30		75 N	AIG 977	7	0.50	0.1
7M	7	4'	Johnson Cr. SE19 T32S R12W	.8	50		40 N	AIG 978		0.50	0.1
8M	8		UN NE26 T32S R12W	.8	20		40 N	AIG 979		0.25	t
9M	9		Kelly Cr. SE26 T32S R12W	.4	20		20 N	AIG 980		0.25	t
10M	10	3'	Delta Cr. SW17 T32S R11W	.4	20		20 N	AIG 981		0.25	t
11M	11	3'	McCurdy Cr. NW17 T32S R11W	.8	20		40 N	AIG 982		0.00	n
12M	12	3'	UN NW17 T32S R11W	.8	20		40 N	AIG 983		0.25	t
13M	13	2'	Sand Rock Cr. NW8 T32S R11W	.4	20		20 N	AIG 984		0.25	t
14M	14	15'	Elk Cr. SW25 T32S R11W	.4	15		20 N	AIG 985		0.00	n
15M	15	4'	Upper Land Cr. SW32 T31S R11W	.8	20		40 N	AIG 986		0.25	t
16M	16	3'	Lower Land Cr C32 T31S R11W	.8	30		40 N	AIG 987	T	0.25	t
17M	17	4'	U.C. SE30 T31S R11W	.4	20		20 N	AIG 988		0.25	t
18M	18	3'	Banner Cr. SE19 T31S R11W	.8	30		40 N	AIG 989		0.25	t
19M	19	1'	Banner Cr. C20 T31S R11W	.8	30		40 N	AIG 990		0.25	t
20M	20	2'	Hayes Cr. Sec 19 NW T31S R11W	.4	30		20 N	AIG 991		0.25	t
21M	21	3'	Mill Cr. C18 T31S R11W	.8	70		40 N	AIG 992		0.50	0.1
22M	22	3'	Woodward Cr. NW12 T31S R12W	.8	30		40 N	AIG 993		0.25	t
23M	23	3	Baker Cr. S3 T31S R12W	.4	30		20 N	AIG 994		0.25	t
24M	24	3'	UN NE3 T31S R12W	.4	20		20 N	AIG 995		0.25	t
25M	25	4'	Long Tom Cr. NW35 T30S R12W	.4	30		20 N	AIG 996		0.50	0.1
26M	26	3'	Beaver Cr W26 T30S R12W	.8	50		40 N	AIG 997		0.25	t
27M	27	4'	Yellow Cr. SW23 T30S R12W	.8	15		40 N	AIG 998		0.25	t
28	28	3'	UN NW22 T30S R12W	.4	30		20 N	AIG 999		0.25	t
29M	29	3'	UN W39 T30S R12W	.4	20		20 N	AIM 001		0.50	0.1
30	30	5'	Rowland Cr. SE33 T30S R12W	.4	20		20 N	AIM 002		0.25	t
31M	31		Tim Cr. C8 T32S R12W	.8	50		40 N	AIM 003		0.25	t
32M	32	4'	Dude Cr C8 T32S R12W	.4	20		20 N	AIM 004		0.25	t
33M	33	2'	UN NW8 T32S R12W	.8	15		40 N	AIM 005		0.00	n
34M	34	4'	UN NW8 T32S R12W	.4	20		20 N	AIM 006		0.25	t
35M	35	4'	UN S31 T31S R12W	.4	20		20 N	AIM 007		0.25	t
36M	36	4'	UN NW6 T32S R12W	.8	30		40 N	AIM 008		0.50	0.1
37M	37	4'	Hays Cr NE36 T31S R13W	.8	20		40 N	AIM 009		0.25	t
38M	38	15'	N. Fk. Sixes NE36 T31S R13W	.8	30		40 N	AIM 010		0.25	t
	39										
	40										

TODD COMPANY, INC. Oklahoma City, Okla. 5554

Powers Quadrangle 1965

Prepared By TF 11-65
Approved By

		width		(1) Cu PPM			(2) Zn PPM		(3) Mo PPM		(4) Hg PPM		
39M	1	8'	N. Fk. Sixes SE23 T31S R13W	3+	20	75	1		t	AIH011		0.25	t
40M	2	8'	Crafton Cr. NW26 T31S R13W	1.5	20	40	1		t	AIH012		0.25	t
41M	3	2'	UN SE21 T31S R13W	1.5	30	40	N		n	AIH013	7	0.25	t
42M	4	3'	Crafton Cr. NE28 T31S R13W	1.5	20	40	1		t	AIH014		0.25	t
43M	5	2'	N. Fk. Sixes SE14 T31S R13W	1.5	30	40	1		t	AIH015		0.50	0.1
44	6	4'	M. Fk. Sixes NC14 T32S R13W	1.5	30	40	T		t	AIH016		0.25	t
45	7	4'	M.Fk Sixes SE10 T32S R13W	1.5	15	40	2		50	AIH017		0.00	n
46M	8	4	Sugar Cr. SE2 T32S R13W	1.5	15	40	2		50	AIH018	T	0.25	t
47M	9	3'	UN NE9 T32S R13W	1.5	20	40	N		n	AIH019		0.25	t
	10			MR		PPM	MR		PPM				
48	11	4'	UC	SE4, 30S, 11W	25	15	45	155	75	AIH020	n		t
49	12	2	UC	NW9, 30S, 11W	20	20	25	155	75	AIH021	n		t
50	13	4'	UC	NW16, 30S, 11W	30	20	55	165	80	AIH022	n		t
51	14	8'	UC	NE29, 30S, 11W	25	20	45	150	75	AIH023	n		t
52	15		UC	SE29, 30S, 11W	40	30	70	180	90	AIH024	n		t
53	16	2'	UC	NE4, 31S, 11W	30	30	55	160	80	AIH025	n		t
54	17	8'	Myrtle Cr.	E½4, 31S, 11W	25	30	45	160	80	AIH026	n		t
55	18	6'	Snow Cr.	E½4, 31S, 11W	25	20	45	160	80	AIH027	n		t
	19												
	20												
	21												
	22												
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POWERS 1967

	Initials	Date
Prepared By		
Approved By		

BURROUGHS CORPORATION — TODD COMPANY DIV. — L — Form H554

	Width			(1) Cu PPM	(2) Zn MR	(2) Zn PPM	(3) Mo	(4)		
56	2'	W. Trib Dement G.	NE25, 30S, 13W	10 20 30	n		AIH 735	n	n	1
57		Dement Cr.	NE19, 30S, 12W	15 20 45	n		AIH 739	n	n	2
58		Russel Cr.	NE19, 30S, 12W	10 30 30	n		AIH 740	n	n	3
59		Mill Cr.	NE18, 30S, 13W	10 20 30	n		AIH 741	n	n	4
60	4'	Dement Cr.	NE18, 30S, 13W	15 30 45	n		AIH 742	n	n	5
61	1'	N. Trib Mill G.	SW7, 30S, 12W	15 30 45	n		AIH 743	n	tr.	6
62		Floras Cr.	SE34, 30S, 13W	5 20 15	n		AIH 744	n	n	7
63	3'	White Rock G.	SE33, 30S, 13W	15 30 45	n		AIH 745	n	n	8
64		So. Trib Floras G.	NE3, 31S, 13W	5 30 15	n		AIH 746	n	n	9
65					n					10
66		Trib E. Fk Floras G.	SE33, 30S, 13W	5 20 15	n		AIH 747	n	n	11
67	4'	Flannigan Cr.	SE4, 32S, 12W	20 50 55	n		AIH 748	n	n	12
68	3'	Rugg Cr.	SE4, 32S, 12W	10 30 30	n		AIH 749	n	n	13
69	3'	Fuzzy Gl.	NE4, 32S, 12W	15 30 45	n		AIH 750	tr	n	14
70	3'	W. Trib Salmon	SW34, 31S, 12W	15 20 45	n		AIH 751	tr	n	15
71		Pyburn Cr.	NW31, 31S, 12W	15 30 45	n		AIH 752	0.1	0.1	16
72	4'	E. Trib Salmon	NE34, 31S, 12W	35 70 100	n 60	60	AIH 753	n	0.15	17
73		W. Trib Salmon	SE27, 31S, 12W	20 20 55	n		AIH 754	n	n	18
74		Waterpipe G.	SW26, 31S, 12W	15 30 45	n		AIH 755	tr	tr	19
75	2'	W. Trib Salmon	NE23, 31S, 12W	15 30 45	n		AIH 756	tr	tr	20
76	1'	Estes Cr.	SE24, 31S, 12W	15 20 45	n		AIH 757	tr	tr	21
77	2'	E Trib Coquille R.	SW15, 30S, 12W	5 30 15	n		AIH 758	n	n	22
78	3'	Grant G.	SW30, 31S, 12W	5 20 15	n		AIH 759	n	n	23
79	6'	Rusty Cr.	SE22, 32S, 13W	45 70 125	130, 120	130	AIH 760	n	tr	24
80	3'	S. Trib So Fk Sixes	NE27, 32S, 13W	45 50 125	70, 50	80	AIH 761	tr	n	25
81	3'	S. Trib So Fk Sixes	SE22, 32S, 13W	35 70 100	120, 120	120	AIH 762	n	n	26
82		Butcher Gl	C21, 32S, 13W	50 100 135	110, 100	110	AIH 763	0.15	n	27
83	3'	Granite G.	SE29, 32S, 12W	40 70 110	90, 75 tr	90	AIH 764	0.1	n	28
84	6'	Johnson Cr.	S½20, 32S, 12W	30 70 80	90, 85	90	AIH 765	n	n	29
85	1	Ragsdale Cr	SE20, 32S, 12W	15 30 45	40, 20	40	AIH 766	tr	n	30
86	6'	Poverty Gl.	NW28, 32S, 12W	40 70 110	75, 80	75	AIH 767	tr	n	31
87	2'	Boulder Cr.	C28, 32S, 12W	15 20 30	30, 0	30	AIH 768	tr	n	32
88	5'	Johnson G.	SE19, 32S, 12W	40 100 80	70, 60 tr	70	AIH 769	tr 0.15	0.1	33
89	4'	Koontz Cr.	SW3, 30S, 13W	15 30 45	50, 30	50	AIH 770	0.1	tr	34
90	2'	Middle Fk Catching	SW3, 30S, 13W	15 15 15	40, 0	40	AIH 771	n	n	35
91	2'	Catching Cr.	SW2, 30S, 13W	30 20 55	n		AIH 772	n	tr	36
92	2'	Roberts Cr.	NE15, 30S, 13W	35 50 65	n		AIH 773	n	tr	37
93	1	So. Fk Catching G.	NE15, 30S, 13W	15 20 45	n		AIH 774	n	tr	38
94	1	Beaverdam Br.	SW11, 30S, 13W	20 20 55	n		AIH 775	n	n	39
95	3'	Dement Cr.	NE25, 30S, 13W	15 30 45	n		AIH 776	n	n	40
		Standard Cu: 55ppm Zn: 140ppm		20	55	140, 140				

Prospect 1965 Stream Sediment

	Initials	Date
Prepared By	TF	3/66
Approved By		

BURROUGHS CORPORATION TODD COMPANY DIV. - L Form H554

	wide		(1) Cu			(2) Zn		(3) Mo PPM		(4) Hg		
1		UC. NW26, 32S, 3E	1.5	50	75	1	50		AIG897	075	0.15	1
2		E/K Horn, NW18, 32S, 4E	.8	70	40	1	50		AIG898	025		2
3		Lick Cr. SC, 18 32S, 4E	.8	70	40	T			AIG899	050	0.1	3
4		UC. SE15, 32S, 4E	.4	30	20	T			AIG900	025		4
5		UC. NE14, 32S, 4E	.8	70	40	1	50		AIG901	025		5
6		UC. NE14, 32S, 4E	1.0	50	50	1	50		AIG902	100	0.2	6
7		UC. SW12, 32S, 4E	1.5	70	75	1	50		AIG903	025		7
8		UC. C12, 32S, 4E	2.0	50	100	1	50		AIG904	025		8
9		Varmit Cr. C12, 32S, 4E	.6	50	30	1	50		AIG905	025		9
10		Red Blanket Cr. C12, 32S, 4E	.4	50	20	N			AIG906	025		10
11		UC. NE14, 32S, 3E	1.0	70	50	1	50		AIG907	025		11
12		Barr Cr. NE14, 32S, 3E	.8	70	40	1	50		AIG908	025		12
13		UC. NE9, 32S, 3E	.8	30	40	1	50		AIG909	025		13
14		Sink Cr. NE9, 32S, 3E	1.0	30	50	1+	50		AIG910	050	0.1	14
15		Ginkgo Cr. NW34, 31S, 3E	.8	20	40	1	50		AIG911	025		15
16		UC. NE35, 31S, 3E	.6	50	30	T			AIG912	025		16
17		Ginkgo Cr. NE31, 31S, 4E	1.0	70	50	1	50		AIG913	025		17
18		UC. SE30, 31S, 4E	.8	50	40	1	50		AIG914	025		18
19		UC. NE31, 31S, 4E	.8	30	40	T			AIG915	050	0.1	19
20		UC. C36, 31S, 3E	.8	50	40	2+	100		AIG916	025		20
21		Mill Cr. EC33, 31S, 3E	1.0	30	50	1	50		AIG917	050	0.1	21
22		UC. NE26, 31S, 3E	.8	30	40	1	50		AIG918	025		22
23		Mill Cr. NE26, 31S, 3E	.8	30	40	1	50		AIG919	025		23
24		UC, NE27, 31S, 3E	1.0	50	50	N			AIG920	050	0.1	24
25		UC, SE1, 31S, 3E	1.0	70	50	1	50		AIG921	025		25
26		UC, SE1, 31S, 3E	1.0	70	50	T			AIG922	025		26
27		UC, C1, 31S, 3E	.8	50	40	T			AIG923	025		27
28		UC, NE11, 31S, 3E	.8	70	40	T			AIG924	025		28
29		UC, NW14, 31S, 3E	1.5	70	75	N			AIG925	050	0.1	29
30		Whiskey Cr. SW29, 30S, 4E	.4	20	20	T			AIG926	025		30
31		Union Cr. SW33, 30S, 4E	.4	30	20	1	50		AIG927	025		31
32		Crawford Cr. SW33, 30S, 4E	.8	50	40	T			AIG928	075	0.15	32
33		UC, SW33, 30S, 4E	.8	70	40	1	50		AIG929	050	0.1	33
34		Union Cr. EC.3, 31S, 4E	.4	30	20	2	100	T	AIG930	025		34
35		UC. EC.3, 31S, 4E	.8	30	40	1	50		AIG931	025		35
36		Grouse Cr. NW3, 31S, 4E	1.0	70	50	2	100	n	AIG932	025		36
37		Thousand Springs Cr. SE12, 31S, 4E	.4	20	20	1	50		AIG933	050	0.1	37
38		Castle Cr, SE26, 30S, 3E	.4	30	20	1	50		AIG934	050	0.1	38
39		Rock Cr, WC21, 30S, 4E	.8	70	40	T			AIG935	050	0.1	39
40		Deer Cr. WC21, 30S, 4E	.8	50	40	T			AIG936	050	0.1	40
		Cu Standard	1.0									

Prospect 1965

	Initials	Date
Prepared By	TF	3/16
Approved By		

			(1) Cu (some value)	(2) Zn	(3) Mo		(4) Hg	
41	1	Bybee Cr, NW25, 30S, 3E	.4 50 20	1	50		A1G937	025
42	2	Bybee Cr, SE18, 30S, 4E	.4 30 20	1	50		A1G938	050 0.1
43	3	Copeland Cr. NE15, 30S, 4E	.4 30 20	1	50		A1G939	025
44	4	UC NE15, 30S, 4E	.6 30 30	T			A1G940	050 0.1
45	5	Copeland Cr. SW6, 30S, 4E	.4 50 20	T			A1G941	050 0.1
46	6	Crater Cr, NE8, 30S, 4E	.8 70 40	2	100	n	A1G942	025
47	7	Bert Cr. SE5, 30S, 4E	.8 70 40	1	50		A1G943	050 0.1
48	8	Wizard Cr. SE32, 29S, 4E	.8 70 40	1	50		A1G944	050 0.1
49	9	UC. SW32, 29S, 4E	.8 70 40	2	100		A1G945	050 0.1
50	10	Foster Cr, SW31, 29S, 4E	4/6 50 30	3/3	150	n	A1G946	025
51	11	UC, SW31, 29S, 4E	.6 50 30	1	50		A1G947	025
52	12	UC, SW31, 29S, 4E	.6 30 30	T			A1G948	025
53	13	Prairie Cr. SE1, 30S, 3E	.8 30 40	1	50		A1G949	025
54	14	Bill Cr. NW3, 30S, 4E	.6 50 30	1	50		A1G950	025
55	15	Bert Cr NW3, 30S, 4E	.6 20 30	T			A1G951	025
56	16	Browns, SE23, 30S, 3E	.4 30 20	2	100		A1G952	075 0.15
57	17	Bridge Cr. SW13, 30S, 3E	.8 30 40	1	50		A1G953	2.25 0.4
58	18	UC, NW13, 30S, 3E	.8 20 40	2	100		A1G954	075 0.15
59	19	UC, WC12, 30S, 3E	.8 30 40	1	50		A1G955	050 0.1
60	20	UC, NW5, 31S, 3E	.8 50 40	T			A1G956	1.50 0.3
61	21	Woodruff Cr. SC32, 30S, 3E	.8 30 40	1	50		A1G957	025
62	22	Flat Cr. SW34, 30S, 3E	.6 30 30	1	50		A1G958	025
63	23	UC, SW27, 30S, 3E	.8 20 40	1	50		A1G959	025
64	24	UC, SW27, 30S, 3E	.6 30 30	1	50		A1G960	025
65	25	UC, NW27, 30S, 3E	.6 30 30	1	50		A1G961	025
66	26	UC, NW27, 30S, 3E	.8 30 40	1	50		A1G962	025
67	27	UC, NE21, 30S, 3E	.8 50 40	2	100		A1G963	050 0.1
68	28	Travail Cr. SW15, 30S, 3E	.8 15 40	1	50		A1G964	075 0.15
69	29	Flat Cr. SC10, 30S, 3E	1.0 30 50	2	100		A1G965	050 0.1
70	30	UC, SE10, 30S, 3E	1.0 50 50	1	50		A1G966	050 0.1
71	31	Kiter Cr. NW5, 32S, 3E	.8 20 40	1	50		A1G967	050 0.1
72	32	Larson Cr. WC8, 32S, 3E	.8 50 40	1	50		A1G968	050 0.1
73	33	Deep Cr. NW17, 32S, 3E	1.0 50 50	1	50		A1G969	025
74	34	Lund Cr. WC17, 32S, 3E	.8 50 40	1	50		A1G970	050 0.1
75	35	Graham Cr. SW17, 32S, 3E	1.0 50 50	T			A1G971	050 0.1
	36							
	37							
	38							
	39							
	40	Chetco Rk #24	1.5					
		Cu Standard	1.0					

RUCH QUAD

3/9/64

MCM NO. 81515—12

	LOCATION STREAM	Sect Twn-Rng	AA Semiquant Spec Cu ppm	AA Zn			Mo/Hg ppm		
1	Hinkley Gl.	inter 27&28-38S-4W	50	50	n	AlH028	n	0.2 t	0.25
2	U.C.	SE32-38S-4W	70	50	1	50 AlH029	n	0.3 0.15	0.75
3	U.C.	W½4-39S-4W	70		n	AlH030	n	0.1 t	0.25
4	U.C	SW4-39S-4W	70	50	n	AlH031	n	0.1 0.1	0.50
5	Mee Cove	NE7-39S-4W	70	50	1	50 AlH032	n	0.2 0.15	0.75
6	U.C.	SW18-39S-4W	50		n	AlH033	n	0.1 0.1	0.50
7	UC	NE30-39S-4W	70	50	n	AlH034	n	0.6 3.25	2.5
8	Nineмile Cr.	E½30-39S-4W	70	50	n	AlH035	n	0.2 0.2	1.0
9	UC	int. 25-36-39S-5W	50		4	t 200 AlH036	n	0.2 0.4	2.0
10	U.C.	NE1-40S-5W	70	50	1	50 AlH037	n	0.4 0.3 0.4	2.0
11	UC.	E½1-40S-5W	50	50	1	50 AlH038	n	0.5 0.2	1.0
12	O'Brien C.	NW12-40S-5W	20	50	n	AlH039	n	0.2 0.15	0.75
13	O'Brien C.	NE13-40S-5W	30		n	AlH040	n	0.2 0.1	0.50
14	U.C.	NW13-40S-5W	50	50	n	AlH041	n	0.8 0.4 0.1	0.2 1.0
15	Osier C.	NW30-40S-4W	30	50	2	100 AlH042	n	t 0.1	0.5
16	Wingdam Gl.	NE36-40S-5W	50	50	n	AlH043	n	0.3 0.6	3.0/3.0
17	Slick Rock C.	Int 25-36-40S-5W	30		n	AlH044	n	0.1 0.1	0.50
18	Brush C.	NE8-40S-4W	50	50	1	50 AlH045	n	0.6 0.3	1.5
19	Trail C.	SE8-40S-4W	70	50	n	AlH046	n	0.5 0.5	2.0/2.5
20	U.C.	C. of 20-40S-4W	70	50	3	t 150 AlH047	n	0.9 0.9	4.0/5.0
21	Sutton Gl.	S½20-40S-4W	70	100	1	50 AlH048	n	0.5 0.2	1.0
22	U C.	SW21-40S-4W	50	50	2	100 AlH049	n	0.4 0.3	1.5
23	U.C.	S½21-40S-4W	70	50	2	100 AlH050	n	0.3 0.3	1.5
24	Broadenaxe C.	NE21-40S-4W	70	50	1	50 AlH051	n	0.4 0.3	1.25/2.0
25	Brush C.	N½21-40S-4W	70	50	n	AlH052	n	0.8	3.0/5.0
26	U C.	NW27-40S-4W	70		1	50 AlH053	n	t 0.3	1.75
27	China Gl.	S½27-40S-4W	50		n	AlH054	n	t 0.1	0.5
28	Horse C.	NE4-41S-4W	50		n	AlH055	n	t t	0.25
29	Indian C.	NE4-41S-4W	30		n	AlH056	n	0.3 0.2	1.0
30	U.C.	SW3-41S-4W	50		n	AlH057	n	t 0.1	0.50
31	Cougar C.	int 3&10-41S-4W	30		n	AlH058	n	t t	0.25
32	U.C.	NE10-41S-4W	50		n	AlH059	n	0.1 t	0.25
33	Manzanita C.	NW11-41S-4W	70		n	AlH060	n	0.2 0.15	0.75
34	Squaw C.	SW36-40S-4W	30		3	150 AlH061	n	t 0.1	0.50
35	Collings Gl.	NW6-41S-3W	50		n	AlH062	n	0.1 0.15	0.75
36	Springtown Gl.	N½6-41S-3W	150	100	4	t 50 AlH063	n	0.2 0.3	1.0/2.0

MCM No. B1515-12

	re run on Hg using acetic	ppm Hg	
1		0.3	1
2		0.4	2
3		0.2	3
4		0.2	4
5		0.3	5
6		[illegible]	6
7	not enough sample		7
8		0.3	8
9		0.3	9
10		0.4	10
11		0.6	11
12		0.3	12
13		0.3	13
14		0.2	14
15		0.1	15
16		0.4	16
17		0.2	17
18		0.7	18
19		0.6	19
20		1.0	20
21		0.6	21
22		0.5	22
23		0.4	23
24		0.5	24
25	not enough sample		25
26		0.25	26
27		0.1	27
28		0.25	28
29		0.4	29
30		0.1	30
31		0.1	31
32		0.2	32
33		0.3	33
34			34
35			35

RUCH QUAD

3/16

MCM NO. B1515—12

		LOCATION			Semiquant spec Cu ppm	Cu AA corrected 5/13/65			Semiquant spec Zn ppm	Zn AA ppm		Mo ppm	Ag ppm			
		Stream	Sect-Twn-Rng.													
37	1	Kilgore Gl.	NE4-41S-3W	70	5	50	1			50	AlH0651	n	0.4	0.2	1.25	1
38	2	U.C.	NE4-41S-3W	70	5	50	2	tr		100	AlH0655	n	0.1	0.2	1.0	2
39	3	Squaw Cr.	SW1-41S-3W	50	tr		n				AlH0656	n	tr	0.1	0.50	3
40	4	U.C.	NE3-41S-3W	50	5	50	n				AlH0657	n	tr	0.2	1.25	4
41	5	Lyman Cr.	NW3-41S-3W	30	tr		n				AlH0658	n	tr	0.15	0.75	5
42	6	U.C.	NW5-41S-3W	100	10	121 100	1			50	AlH0659	n	0.2	0.2	1.0	6
43	7	U.C.	SW5-41S-3W	100	15	95 150	2	tr		100	AlH0670	n	0.1	0.2	1.0	7
44	8	French Gl.	NE36-40S-4W	70	5	50	n				AlH0671	n	0.1	0.2	1.0	8
45	9	Brushy Gl.	W½30-40S-4W	50	5	50	n				AlH0672	n	tr	t	0.25	9
46	10	Mule Cr.	SE18-40S-3W	70	5	50	n				AlH0673	n	0.2	0.1	0.50	10
47	11	Rock Gl.	SW8-40S-3W	70	tr		n				AlH0674	n	0.3	0.15	0.75	11
48	12	Charlie Buck Gl.	S½4-40S-3W	70	5	50	n				AlH0675	n	0.3	0.1	0.50	12
49	13	U.C.	SE4-40S-3W	70	10	100	n				AlH0676	n	0.1	0.1	0.50	13
50	14	U.C.	SW3-40S-3W	70	5	50	n				AlH0677	n	0.1	0.1	0.50	14
51	15	U.C.	S½3-40S-3W	50	5	50	n				AlH0678	0.4	0.1	0.1	0.50	15
52	16	Armstrong Gl.	SW2-40S-3W	50	tr		n				AlH0679	n	tr	0.1	0.50	16
53	17	U.C.	NW11-40S-3W	100	10	100	n				AlH0680	n	0.2	0.15	0.75	17
54	18	U.C.	N½11-40S-3W	50	5	50	n				AlH0681	n	0.1	0.1	0.50	18
55	19	Hanley Gl.	Cof11-40S-3W	70	5	50	n				AlH0682	n	0.1	0.1	0.50	19
56	20	Texter Gl.	NW12-40S-3W	30	tr		n	tr			AlH0683	n	0.1	0.1	0.50	20
57	21	U.C.	NE5-40S-3W	70	5	50	n				AlH0684	0.4	0.4	2.5	1.5	21
58	22	Flumet Gl.	N½5-40S-3W	70	tr		1	tr		50	AlH0685	n	0.2	0.2	1.0	22
59	23	U.C.	N½7-40S-3W	100	10	100	n				AlH0686	n		0.2	1.0	23
60	24	Sourdough Gl.	NW7-40S-3W	50	5	50	n				AlH0687	n	0.4	0.3 2.5	1.5	20.0 24
61	25	U.C.	SW1-40S-4W	70	5	50	n				AlH0688	n	0.2	0.1	0.5	25
62	26	Lime Gl.	SW1-40S-4W	50	5	50	n				AlH0689	n		0.2	1.0	26
63	27	Bailey Gl.	W½2-40S-4W	70	5	50	1			50	AlH0690	n	1.3	0.9	4.0/5.5	27
64	28	Palmer Cr.	W½2-40S-4W	70	5	50	n				AlH0691	n	0.3	0.15	0.75	28
65	29	Mill Gl.	SW15-39S-3W	70	5	50	n				AlH0692	n	0.1	0.1	0.50	29
66	30	Neds Gl.	NW27-39S-3W	70	5	50	n				AlH0693	n	0.1	t	0.25	30
67	31	Boaz Gl.	SE28-39S-3W	30	tr		n				AlH0694	n	0.2	0.15	0.75	31
68	32	Billys Gl.	SE7-40S-3W	70	10	100	1			50	AlH0695	n	0.2	0.1	0.50	32
69	33	U.C.	NW18-40S-3W	70	5	50	n				AlH0696	n	0.1	t	0.25	33
70	34	Kinney Cr.	SW18-40S-3W	70	5	50	1			50	AlH0697	n	0.3	0.2	1.0	34
71	35	U.C.	NE14-40S-4W	70	5	50	n				AlH0698	n	0.3	t	0.25	35
72		Kinney Gl.	NE14-40S-4W	50	5	50	n				AlH0699	n	0.2	0.1	0.50	

Ruch Quad Spec

3/18/64

MCM No. BT515—12

		Location		Cu AA ppm			Zn AA ppm			Mo Spec ppm		
		Stream	Sect-Twsn-Rng									
73	1	Ching Gl.	NW33-39S-3W	70	tr		n		AIH 100 n	0.2	0.1	0.50 SK 1
74	2	U.C.	Int 28-29 39S-3W	70	tr		n		AIH 101 n	0.1	0.1	0.50 2
75	3	U.C	NE29-39S-3W	70	tr		n		AIH 102 n	0.1	0.1	0.50 3
76	4	U.C.	S½ 19-39S-3W	50	tr		n		AIH 103 n		t	0.25 4
77	5	Lightning Gl.	W½ 19-39S-3W	70	8	50	4	200	200 AIH 104 n		0.15	0.75 SK 5
78	6	Lightning Gl.	NE25-39S-4W	70	tr		1		50 AIH 105 n		0.1	0.50 6
79a	7	U.C.	NW 19-39S-3W	70	8	50	2	tr	100 AIH 106 8 7		0.1 8	0.50 7
~~79b~~	8	~~1918 Gulch~~	~~S½ 13-39S-4W~~	~~30~~	~~tr~~		~~n~~		~~AIH 107 n~~		~~t~~	~~0.25~~ 8
80	9	U.C.	SW13-39S-4W	50	tr		n		AIH 108 n		t	0.25 SK 9
81	10	1917 Gulch	SW13-39S-4W	109 100	6	100	n	80	AIH 109 n		0.1	0.50 SK 10
82	11	1916 Gulch	S½ 14-39S-4W	70	8	50	n		AIH 110 n		t	0.25 SK 11
83	12	U.C.	NE15-39S-4W	78	70	tr	2	tr	135 100 AIH 111 n		0.15	0.75 12
84	13	Ladybug Gl.	NW 15-39S-4W	62	30	tr	n	75	AIH 112 n		0.2	1.25 SK 13
85	14	Alexander Gl.	Int 22&23-39S-4W		30	tr	n		AIH 113 n		0.2	1.0 14
86	15	Deadman Gl.	NE22-39S-4W		70	8 50	1		50 AIH 114 n		0.2	1.0 SK 15
87	16	Star Gl.	N½ 22-39S-4W		30	tr	n		AIH 115 n		0.15	0.75 16
88	17	Spencer Gl.	NW 3-39S-3W		50	tr	n		AIH 116 n		0.2	1.0 SK 17
89	18	Kecker Cr.	W½ 25-38S-4W		50	tr	n		AIH 117 n		0.1	0.50 18
90	19	Chapman Cr.	E½ 25-38S-4W		50	tr	n		AIH 118 n		t	0.25 19
91	20	Long Gl.	39-38S-3W		70	tr	n		AIH 119 n		0.1	0.50 SK 20
92	21	Rock Gl.	SW3-39S-3W		70	tr	n		AIH 120 n		t	0.25 21
93	22	Bishop Cr.	SW23-38S-3W		50	tr	n		AIH 121 n		0.15	0.75 22
1964	23			HR	PPM							23
94	24	Benson Gl.	NE30-39S-3W	57	50	83	n	tr	AIH 122 n		0.1	0.50 24
	25											25
	26											26
	27											27
	28											28
	29											29
	30											30
	31											31
	32											32
	33											33
	34											34
	35											35

Cu AA 19 milligram spec corrected 5/13/64

Zn AA spec

Mo spec ppm Kg/ppm

Samples sent to Mo

RUCH 1965

Prepared By: TF 2/66
Approved By:

			(1) Cu Semiquant Spec ppm	(2) Zn Semiquant Spec ppm	(3) Mo ppm	(4) Hg ppm
A = 95		Rock Gulch, NW35, 38S, 3W	2.0 70 100	N	AIH 123	025S t
B = 96		Eagle Canyon, NW13, 39S, 3W	1.0 70 50	N t	AIH 124	025S t
C = 97		Murphy Gulch, C22, 39S, 3W	1.5 70 75	N	AIH 1253	025S t
D = 98		Beaver Cr. SE5, 40S, 3W	.8 20 40	N	AIH 126	025 t
E = 99		Uncalled, SE1, 40S, 4W	2.0 50 100	N	AIH 127	050S 0.1
F = 100		Uncalled, SE27, 40S, 4W	1.5 70 75	T	AIH 128	050 0.1
G = 101		Dark Canyon, NE3, 40S, 4W	1.5 70 75	T	AIH 129	125S 0.2
H = 102		Palmer Cr. NE3, 40S, 4W	1.5 70 75	N	AIH 130	025 t
I = 103		Nine Dollar Gulch, NE3, 40S, 4W	1.5 70 75	N	AIH 131	100 0.2
J = 104						
K = 105						
L = 106						
M = 104		Water Gulch, SW19, 40S, 3W	1.0 70 50	N	AIH 132	025 t
N = 105		KAMAKA Gulch. NE25, 40S, 4W	1.5 70 75	N	AIH 133	050 0.1
O = 106		Slickear Gulch, C35, 40S, 3W	1.5 70 75	N	AIH 134	025 t
P = 107		Mulligan Gl. SE35 40S, 3W	.8 50 40	N	AIH 135	050 0.1
Q = 108		Uncalled, SE 5, 41S, 3W	1.5 30 75	N	AIH 136	025 t
R = 109		Uncalled, SE5, 41S, 3W	1.0 70 50	N	AIH 137	050 0.1
S = 110		Grouse Cr. NW36, 40S, 4W	.8 50 40	N	AIH 138	025 t
T = 111						
U = 113						
V = 114		Uncalled, SW22, 40S, 4W	.8 30 40	N	AIH 139	050 0.1
W = 115						
X = 116		Uncalled, NW36, 39S, 5W	1.0 70 50	N	AIH 140	050 0.1
Y = 117		E. Fk. Williams Cr. SW25 39S, 5W	.8 30 40	N	AIH 141	025 t
Z = 118		Uncalled, NE7, 39S, 4W	.8 30 40	N	AIH 142	025 t
AA = 119		Uncalled, SW4, 38S, 4W	1.5 70 75	N	AIH 143	025 t
BB = 120		Uncalled, NW4, 39S, 4W	1.5 70 75	N	AIH 144	075 0.1
CC = 121		Uncalled, NW33, 38S, 4W	1.0 70 50	N	AIH 145	025 t
DD = 122		Uncalled, SE24, 40S, 4W	1.0 70 50	N	AIH 146	025 t
123	(79B)	1918 Gulch S½13, 39S, 4W	30 tr	N	AIH 107	025 t
		Cu STANDARD	1.0			

Rustler Peak 1965

Initials Date
Prepared By TF 2/66
Approved By

	wide		(1) Cu (semi-quant) PPM	(2) Zn PPM	(3) Mo PPM	(4) Hg PPM
1		Fourbit Cr, NW30, 35S, 4E	.8 30 40	1 50	T AIH 147	025
2		Big Butte Cr, SW10, 35S, 3E	.8 50 40	n	AIH 148	050 0.1
3		Clarks Fork Cr. SE15, 35S, 3E	.8 50 40	n	AIH 149	025
4		Red Blanket Cr. SW34, 32S, 3E	.4 30 20	n	AIH 150	025
5		Uncalled, NW2, 33S, 3E	.8 30 40	tr	AIH 151	050 0.1
6		N.F. Fourbit Cr, SE20, 35S, 4E	.8 30 40	n	AIH 152	000
7		Beaver Fk., SE20, 35S, 4E	.8 20 40	n	AIH 153	025 0
8		S. Fk. Fourbit, SE20, 35S, 4E	.8 30 40	n	AIH 154	025
9		Missit Cr. NW9, 35S, 4E	.8 20 40	n	AIH 155	050 0.1
10		Deception Cr. SE34, 34S, 4E	1.5 70 75	n	T AIH 156	025
11		Fireline Cr. NE34, 34S, 4E	.8 30 40	n	T AIH 157	075 0.1
12		Rancheria Cr. SW26, 34S, 4E	.4 70 20	n	T AIH 158	050 0.1
13		S. Fk. Rogue. SE23, 34S, 4E	.8 50 40	n	AIH 159	025
14		Parker Cr, SW14, 34S, 4E	.8 50 40	n	AIH 160	050 0.1
15		Uncalled, SW14, 34S, 4E	1.5 70 75	tr	AIH 161	025
16		Little Billie, NE23, 34S, 4E	.4 20 20	n	T AIH 162	075 0.1
17		Wickiup Cr. NE14, 34S, 4E	.8 50 40	n	AIH 163	025
18		SAM Cr. SE11, 34S, 4E	.4 30 20	n	AIH 164	050 0.1
19		Big Bow Cr. SE2, 34S, 4E	.8 50 40	n	AIH 165	000
20		Fantail Cr, SE2, 34S, 4E	.4 70 20	n	AIH 166	025
21		Frey Cr. SE2, 34S, 4E	.8 50 40	n	AIH 167	025
22		Nichols Cr. SE34, 33S, 4E	.4 30 20	n	AIH 168	025
23		Green Cr. SW27, 33S, 4E	.8 15 40	n	AIH 169	025
24		Uncalled, C35, 32S, 3E	1.5 70 75	n	N AIH 170	025
25		Uncalled, SE36, 32S, 3E	.8 70 40	n	AIH 171	025
26		Svinth Cr. C31, 32S, 4E	.8 30 40	n	AIH 172	000
27		Twentynine Cr, SW32, 32S, 4E	.8 50 40	n	AIH 173	000
28		Gyppo Cr. SW32, 32S, 4E	.8 70 40	n	AIH 174	025
29		Fire Cr. SE32, 32S, 4E	.8 70 40	n	AIH 175	025
30		Fall Cr. C33, 32S, 4E	.8 30 40	n	AIH 176	025
31		Lookout Cl. NW34, 32S, 4E	.8 20 40	n	AIH 177	025
32		Bessie Cr. NW34, 32S, 4E	.8 30 40	n	AIH 178	025
33		Kirby Cr. SW34, 32S, 4E	.4 30 20	n	AIH 179	025
34		Snowbrush Cl. C34, 32S, 4E	.8 50 40	1 50	AIH 180	025
35		Fool Creek, SE32, 32S, 4E	.4 30 20	n	AIH 181	000
36		Rancheria Cr. SE10, 35S, 3E	.8 70 40	tr	AIH 182	025
37						
38		Ashland #18 check Moly	1.0		T	
39						
40						
		Copper standard	.8			

BURROUGHS CORPORATION TODD COMPANY DIV. Form H554

RUSTLER PEAK 1965

Prepared By TF 2/66
Approved By

		wide		(1) Cu ppm	Semiquant Spec	(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
37	1		Twincheria Cr. SE10, 35S, 3E	1.0	70 50	1	50	AIH183		0.25	
38	2										
39	3										
40	4		Uncalled, SE6, 35S, 4E	0.8	30 40	T		AIH184		025	
41	5		Fireline Cr. SE36, 34S, 3E	1.5	50	1	50	AIH185		050	0.1
42	6		Rancheria Cr. SW29, 34S, 4E	1.5	70 75	1	50	AIH186		025	
43	7		Timberline Cr. SE19, 34S, 4E	1.5	30 75	1	50	AIH187		050	
44	8		Titanic Cr. SE19, 34S, 4E	1.0	30 50	N		AIH188		050	0.1
45	9		Camp Cr. EC. 19, 34S, 4E	1.5	70 75	N		AIH189		025	
46	10		Cur Cr. NE12, 34S, 3E	1.0	50 50	1	50	AIH190		025	
47	11		Phillips Cr. NE14, 34S, 3E	1.5	70 75	T		AIH191		025	
48	12		Parsnip Cr. SW6, 34S, 4E	1.5	70 75	1	50	AIH192		025	
49	13										
50	14		Sumpter Cr. SE22, 33S, 4E	0.8	30 40	N		AIH193		025	
51	15		Uncalled, NE26, 33S, 4E	0.8	50 40	N		AIH194		050	
52	16		Uncalled, C 26, 33S, 4E	0.8	50 40	N		AIH195		050	
53	17		Uncalled, NE18, 33S, 3E	2.0	70 100	1	50	3 AIH196	3	025	
54	18		Uncalled, NW20, 33S, 3E	0.8	70 40	1	50	AIH197		025	
55	19		Uncalled, C20, 33S, 3E	1.5	70 75	1	50	AIH198		025	
56	20		Uncalled, SE20, 33S, 3E	1.5	70 75	1	50	AIH199		025	
57	21		Uncalled, NW28, 33S, 3E	1.5	70 75	1	50	AIH 200		025	
58	22		Round Mtn Cr. SW28, 33S, 3E	2.0	100 100	1	50	AIH201		025	
59	23		Uncalled, NW28, 33S, 3E	2.0	100 100	2	100	AIH 202		025	
60	24		S. Fk. Vine Maple Cr. SW4, 34S, 3E	1.0	70 50	1	50	AIH 203		100	0.2
61	25		Vine Maple Cr. SW4, 34S, 3E	1.5	150 75	1	50	AIH 204		025	
62	26		S. Fk. Thompson Ranch. SW9, 34S, 3E	1.0	70 50	N		AIH205		025	
63	27		N. Fk. Thompson Ranch. SW 9, 34S, 3E	1.5	100 75	1	50	3 AIH206	3	025	
64	28		Horseshoe Cr. C28, 34S, 3E	0.8	50 40	N		AIH 207		025	
65	29		Mule Cr. SW21, 34S, 3E	0.8	50 40	N		AIH208		100	0.2
66	30		JACKASS Cr. NW29, 34S, 3E	1.0	70 50	N		AIH209		050	
67	31		Uncalled, SW35, 33S, 3E	1.5	50 75	N		AIH 210		025	
68	32		Uncalled, NW35, 33S, 3E	2.0	100 100	1	50	5 AIH 211	5	050	
69	33		Parsnip Cr. SE3, 34S, 3E	0.8	70 50	T		3 AIH212	3	025	
70A	34		Uncalled, EC26, 33S, 3E	1.0	70 50	T		T AIH213		050	0.1
71	35		Uncalled, C2, 33S, 3E	1.5	70 75	N		T AIH215		025	
72	36		Uncalled, NE2, 33S, 3E	0.8	70 50	N		N AIH 216		050	
XX	37										
	38		Ashland #68	0.8		N				025	
70B	39		Main Fk Parsnip SE3, 34S, 3E		70			AIH 214			
	40		Cu Standard	1.0							
			Unusual High Mo Standard		Twice	USUAL	Intensity			ERROR	

Rustler Peak 1965

Prepared By: TF 2/66
Approved By:

		wide		(1) Cu	Semi-quant.	ppm	(2) Zn	ppm	(3) Mo	ppm	(4) Hg	ppm	
73	1		Daniel Cr. NW1, 33S, 3E	1.5	70	75	N		AlH 217		0 25		
74	2		Uncalled, NE15, 33S, 3E	2.0	100	100	N		AlH 218		0 25		
75	3		Buck creek, NE22, 33S, 3E	1.5	70	75	N		AlH 219		0 25		
76	4		Camp Cr. NE27, 34S, 3E	0.8	50	40	N		AlH 220		0 25		
77	5		Lodgepole Cr. C20, 33S, 4E	1.0	70	50	N		AlH 221		0 75	0.15	
78	6		Imnaha Cr, NW15, 33S, 4E	0.8	20	40	N		AlH 222		0 50	0.1	
79	7		Wallawa Cr. NW14, 33S, 4E	0.8	50	40	N		AlH 223		0 25		
80	8		S Fk Wallawa Cr. NW14, 33S, 4E	1.0	30	50	N		AlH 224		0 25		
81	9		Spring Cr. NE22, 33S, 4E	0.4	30	20	N		AlH 225		0 25		
82	10		Whitman Cr. SE15, 33S, 4E	0.8	30	40	N		AlH 226		0 25		
	11												
	12												
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	35												
	36												
	37												
	38												
	39												
	40		Cu Standard	1.0									

SELMA QUAD

1/31/64

MCM No. 815T5—12

	Stream	LOCATION Sec	Twn	Rng	Semiquant. Spec Cu	Cu corrected 5/13/64	AA Cu	r	Semiquant. spec Zn	ppm Zn	r	Mo PPM	Hg ppm	r	
1	Panther Gl.	SE27	35S	7W	100 ~~15~~	150		n		AIH 227	n	0.1	0.50		1
2	U.C	NW34	35S	7W	100 ~~5~~	50		tr	tr	AIH 228	n	tr	0.25		2
3	Pickett C.	SW33	35S	7W	100 ~~5~~	50		n		AIH 229	n	Rechecks from 1.0-2.5	2.00		3
4	U.C.	SE33	35S	7W	100 ~~5~~	50		tr		AIH 230	n	1.5	20.00		4
5	Limpy C.	SW15	36S	7W	50 ~~5~~	50		tr		AIH 231	n	0.1	0.50		5
6	Slate C.	NW15	36S	7W	50 ~~5~~	50		n		AIH 232	n	tr	0.25		6
7	Dutcher C.	38	36S	7W	50 ~~5~~	50		l		50 AIH 233	n	0.15	0.75		7
8	Dutcher C.	NE22	36S	7W	50 ~~5~~	50		l	tr	50 AIH 234	n	0.1	0.50		8
9	ELLIOT C.	NE15	37S	7W	70 ~~5~~	50		tr	tr	AIH 235	n	0.1	0.50		9
10	Grantham Gl.	NE15	37S	7W	70 ~~5~~	50		tr	tr	AIH 236	n	0.1	0.50		10
11	Newt Gl.	S½9	37S	7W	50 tr			tr		AIH 237	n	0.15	0.75		11
12	Salt C.	E½8	37S	7W	30 tr			n		AIH 238	n	0.1	0.50		12
13	Bear C.	SW5	37S	7W	70 tr			n	tr	AIH 239	n	0.1	0.50		13
14	Waters C.	SW32	36S	7W	70 tr			l	tr	50 AIH 240	n	0.2 Smoke	1.00		14
15	U.C.	SE32	36S	7W	70 ~~5~~	50		tr		AIH 241	044	0.2	1.25		15
16	Welter C.	SW17	37S	7W	30 tr			n	tr	AIH 242	n	tr	0.25		16
17	Knight C.	NE19	37S	7W	50 tr			tr		AIH 243	n	0.1	0.50		17
18	Love C.	NE19	37S	7W	50 tr			n	tr	AIH 244	n	0.1	0.50		18
19	U.C.	NE19	37S	7W	50 tr			tr	tr	AIH 245	n	0.1	0.50		19
20	Butcher Knife C.	NW19	37S	7W	70 tr		54	tr	tr	AIH 246	n	0.1	0.50		20
21	Ramsey C.	NW18	37S	7W	70 ~~5~~	50		n		AIH 247	n	tr	0.25		21
22	Cedar Log C.	C36	36S	8W	30 tr			tr		AIH 248	n	0.1	0.50		22
23	Slate C.	SW25	36S	8W	100 tr			tr		AIH 249	n	0.1	0.50		23
24	Buckeye C.	N½36	36S	8W	50 tr			tr	tr	AIH 250	n	tr	0.25		24
25	Slate C.	NE¼NE¼	37S	8W	20 tr			tr		AIH 251	n	0.1	0.50		25
26	U.C	NW31	37S	7W	50 tr			l		50 AIH 252	n	tr	0.25		26
27	Draper C.	SW29	37S	7W	50 tr			tr		AIH 253	n	tr	0.25		27
28	Draper C.	SW29	37S	7W	50 tr			n		AIH 254	n	tr	0.25		28
29	Anderson C.	E½35	37S	8W	20 tr			n		AIH 255	n	tr	0.25		29
30	U.C.	NE34	37S	8W	70 ~~5~~	100		n		AIH 256	n	0.1	0.50		30
31	Clear C.	SW27	37S	8W	50 ~~5~~	50		n		AIH 257	n	tr	0.25		31
32	Davis C.	S½1	38S	8W	50 ~~5~~	50		n		AIH 258	n	tr	0.25		32
33	U.C.	NE4	38S	7W	30 tr			n		AIH 259	n	0.15 Smoke	0.75		33
34	U.C	SE34	37S	7W	70 ~~5~~	50		tr	tr	AIH 260	n	0.1	0.50		34
35	U.C.	N½3	38S	7W	50 tr			n		AIH 261	n	0.1	0.50		35
36	Squaw C.	NE¼	38S	8W	30 ~~5~~	50		tr		AIH 262	n	tr	0.25		

SELMA QUAD

2/3/64

MCM No. BT515—12

		LOCATION			Cu			Zn			Mo	Hg	
		Stream	Sec. Twn. Rng.		ppm			ppm			ppm	ppm	
37	1	U.C.	NE8- 38S- 8W		30 tr			50	AIH263	n	0.1	0.50	1
38	2	Cedar Gl.	NW8-38S-8W		30 tr			100	AIH264	n	tr	0.25	2
39	3	UC	NW8-38S-8W		20 tr			100	AIH265	n	n	0.00	3
40	4	Snail back Cr.	NW7-38S-8W		70		50	50	AIH266	n	tr	0.25	4
41	5	ELLIS Cr.	NE12-38S-9W		100		50	50	AIH267	n	tr	0.25	5
42	6	Spring Cr.	SW1-38S-9W		50 tr				AIH268	n	0.1	0.50	6
43	7	Shade Cr.	SE2-38S-9W		70				AIH269	n	H_2S smell	0.50	7
44	8	little Sixmile Cr.	N½2-38S-9W		100		50	50	AIH270	n	0.3	1.75	8
45	9	Sixmile Cr.	NW2-38S-9W		100		50		AIH271	n	0.15	0.75	9
46	10	U.C	S½28-35S-8W	18	70		50	50	AIH272	n	0.1	0.50	10
47	11	U.C.	SW28-35S-8W	7	100	200		50	AIH273	0.2	0.2	1.00	11
48	12	U.C.	SW28-35S-8W		70		50		AIH274	0.2	0.1	0.50	12
49	13	Lone Tree Cr.	NW33-35S-8W		70		50		AIH275	0.4	0.4	2.00	13
50	14	U.C.	N½5-36S-8W		200		50	50	AIH276	n	tr	0.25	14
51	15	Myers Cr.	SW5-36S-8W		70		50	50	AIH277	n	tr	0.25	15
52	16	Brush Cr.	NW18-36S-8W		20 tr				AIH278	n	Smoke	0.50	16
53	17	Ditchy Cr.	E½7-36S-8W		70		50	50	AIH279	n	tr	0.25	17
54	18	Horse Cr.	NW17-36S-8W		70		50	100	AIH280	n	tr	0.25	18
55	19	U.C.	SE18-36S-8W		50		50	50	AIH281	n	0.15	0.75	19
56	20	U.C.	SE18-36S-8W		70		50	50	AIH282	n	0.1	0.50	20
57	21	U.C.	NE19-36S-8W		30		50	100	AIH283	n	Smoke	1.00	21
58	22	Secret Cr.	W½19-36S-8W		70		50	50	AIH284	n	0.1	0.50	22
59	23	Briggs Cr. (?)	NW25-36S-9W		70		50		AIH285	n	0.1	0.50	23
60	24	U.C.	NE3-38S-9W		70		50	n	AIH286	n	0.15	0.75	24
	25												25
	26												26
	27												27
	28												28
	29												29
	30												30
	31												31
	32												32
	33												33
	34												34
	35												35

SELMA QUAD 1964 Cu Standard Filter #54 MIR @ 1000 PPM = 14

McM No. BT515—T2

		Location Stream	Sect-Twsp-Rng	Cu MR	Cu PPM	Zn MR	Zn PPM	Mo PPM	Hg PPM	
61	1	Taylor C.	27 - 35S - 8W	50	70	55	n	n AIH287	t	0.25 1
62	2	Minnow C.	SW34-35S-8W	60	70	55	n	t n AIH288	0.3 Sm	1.5 2
63	3	W. Trib Minnow	NW 3 - 36S - 8W	45	50	50	n	t n AIH289	t	0.25 3
64	4	Minnow C.	W 3 - 36S - 8W	50	70	55	n	n AIH290	t	0.25 4
65	5	Blue Gl.	SE 22-36S - 7W	45	50	50	n	n AIH291	0.1	0.50 5
66	6	Dutcher Cr.	SW 22 - 36S - 7W	45	70	50	n	t n AIH292	t	0.25 6
67	7	S. Fk Limpy C.	NE 20 - 36S - 7W	60	70	66	n	t n AIH293	t	0.25 7
68	8	N. Fk Limpy C.	NE 20 - 36S - 7W	55	70	60	n	n AIH294	0.4 Sm.	2.00 8
69	9	Draper C.	NW 1 - 38S - 8W	45	50	50	n	n AIH295	t	0.25 9
70	10	Draper C.	SE 11 - 38S - 8W	45	50	50	35	50 n AIH296	0.1	0.50 10
71	11	Deer C.	SE 12 - 38S - 8W	60	70	66	n	n AIH297	t	0.25 11
72	12	Mc Mullin C.	SE 12 - 38S - 8W	40	70	44	n	n AIH298	0.1	0.50 12
73	13	Crooks C.	W½ 9 - 38S - 7W	55	70	60	n	n AIH299	t	0.25 13
74	14	Deer C.	Between 42 & 38 - 38S - 7W	60	70	66	n	n AIH300	t	0.25 14
75	15	Thompson C.	N side 17 - 38S - 7W	55	70	60	n	n AIH 301	t	0.25 15
76	16	Mc Mullin C.	S side 18 - 38S - 7W	35	20	38	n	n AIH 302	t	0.25 16
77A	17	Day's Gulch	NW 23 - 38S - 9W	.8	30	40	n	(tight in	n AIH 303	t 0.25 17
~~77B~~	~~18~~	~~W. Fk~~								18
	19		1967							19
84 ~~77C~~	20	W. Trib Soldier C.	SC 10, 37S, 9W		15		t	AIH 304		20
78	21	Soldier Cr.	NE 15, 37S, 9W		50			AIH 305		21
79	22	Horse Cr.	SE 10, 37S, 9W		50			AIH 306		22
80	23	So Fk Soldier C.	NE 15, 37S, 9W		70			AIH 307		23
81	24	Swede Cr.	SE 34, 36S, 9W		30			AIH 308		24
82	25	W. Trib Briggs C.	NE 34, 36S, 9W		50			AIH 309		25
83	26	BRIGGS Cr.	NW 35, 36S, 9W		30			AIH 310		26
	27									27
	28									28
	29									29
	30									30
	31									31
	32									32
	33									33
	34									34
	35									35

SURVEYOR MTN QUAD 1965

TF 10-65

		width		Sample #	(1) Cu ppm	check value	(2) Zn ppm		(3) Mo ppm			(4) Hg
1 A	1	6'	Spencer Cr	50	1.5	1.5+	75	n		AIH 311		0.25
B	2		NW11 T39S R6E		0.9	0.8	40	n				0.25
2 A	3	6'	Clover Cr	50	3-	3+ (12)	150	1	~~100~~ 50	AIH 312		0.00
B	4		NW11 T39S R6E		1.5	1.8	75	T	W			0.25
3 A	5	12'	Spencer Cr	30	1.5	1.8	75	N	W	AIH 313		0.25
B	6		NW29 T39S R7E		3	1.5+	75	T				0.25
4 A	7	Dry	Hayden Cr	50	3	3 (17)	150	1	~~100~~ 50	AIH 314		0.25
B	8		NE1 T41S R5E		3-	3-	150	1	~~100~~ 50			0.25
5	9		Clover Cr. N½ 35, 38S, 6E	50			35		n	AIH 315	n	n
6	10		UC. E½ 32, T39S, R7E	50			40		n	AIH 316	n	n
7	11		UC. C6, T40S, R7E	50			30		n	AIH 317	n	n
8	12		UC NW7, T40S, R7E	30			25		n	AIH 318	n	n
9	13		UC NW18, T40S, R7E	30			35		n	AIH 319	n	n
10	14		UC NW2, T41S, R7E	30			15		n	AIH 320	n	n
11	15		UC N½ 22, T40S, R7E	70			40		n	AIH 321	n	n
12	16		Camp 4 Cr. SW2, T40S, R5E	70			35		n	AIH 322	n	n
	17											
	18											
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BURROUGHS CORPORATION
TODD COMPANY DIV.

TALENT QUAD

4/9

MCM No. B1515—12

	LOCATION STREAM	SEC-TWN-RNG	Cu semiquant spec ppm	Cu corrected ppm	Zn. semiquant spec ppm	Mo. ppm	Hg ppm		
1	Haskin Gl.	SE12-40S-3W	70 ~~5~~	50	1	~~100~~ 50	AIH323	n	t 0.25 1
2	U.C.	E½12-40S-3W	70 tr		n		AIH324	n	t 0.25 2
3	Petes Camp Cr.	N½18-40S-2W	70 tr		n		AIH325	.4 4	0.15 0.75 3
4	Beaver Cr.	NE18-40S-2W	70 tr		tr		AIH326	n	t 0.25 4
5	U.C.	W½17-40S-2W	70 ~~15~~	150	1	~~100~~ 50	AIH327	n	n 0.00 5
6	Felix Gl.	W½ 5-40S-2W	50 ~~5~~	50	tr		AIH328	n	n 0.00 6
7	Victor Gl.	NW5-40S-2W	30 tr		1	~~100~~ 50	AIH329	n	t 0.25 7
8	Waters Gl.	S½5-40S-2W	70 tr		tr		AIH330	n	t 0.25 8
9	Sulphur Gl.	S½5-40S-2W	70 tr		n		AIH331	n	t 0.25 9
10	Quartz Gl.	NE4-40S-2W	50 tr		tr		AIH332	n	t 0.25 10
11	Yale Cr.	E½4-40S-2W	70 tr		n		AIH333	n	t 0.25 11
12	Prince Gl.	NE4-40S-2W	70 tr		tr		AIH334	n	0.2 1.00 SK 12
13	Skate Gl.	SW33-~~40S~~ 39S-2W	70 tr		tr		AIH335	n	0.15 0.75 SK 13
14	Boar Hunt Gl.	SW33-~~40S~~ 39S-2W	100 ~~5~~	50	n		AIH336	n	t 0.25 14
15	First Water Gl.	NE32-39S-2W	30 tr		n		AIH337	n	0.15 0.75 15
16	Lick G.	NW27-39S-2W	30 tr		n		AIH338	n	t 0.25 16
17	U.C.	NW27-39S-2W	70 tr		n		AIH339	n	0.15 0.75 17
18	Wolf G.	int 22&27-39S-2W	70 tr		n		AIH340	n	0.1 0.50 18
19	Bear Gl.	SW28-39S-2W	50 tr		n		AIH341	n	0.2 1.25 SK 19
20	Muddy Gl.	SE23-39S-2W	70 tr		n		AIH342	n	0.15 0.75 20
21	Mule Gl.	SW31-39S-1W	70 ~~5~~	50	n		AIH343	.4 4	t 0.25 21
22	Hendricks Gl.	S½6-40S-1W	50 tr		tr	200	AIH344	n	0.4 2.00 22
23	Garvin Gl.	S½7-40S-1W	70 tr		tr		AIH345	n	0.4 2.00 SK 23
24	U.C.	SW18-40S-1W	50 tr		1	~~100~~ 50	AIH346	.4 4	1.2 ~~2.50~~ 6.25 SK 24
25	U.C.	Cof19-40S-1W	50 tr		n		AIH347	n	0.3 1.50 25
26	Wrangle G.	NE30-40S-1W	70 tr		n		AIH348	n	0.1 0.50 26
27	U.C.	NE30-40S-1W	20 tr		n		AIH349	n	0.1 0.50 27
28	Hukill Hollow	NW17-39S-2W	50 ~~5~~	50	tr		AIH350	n	0.3 1.50 28
29	Armstrong Gl.	SW8-39S-2W	30 tr		n		AIH351	n	0.15 0.75 29
30	Gilson Gl.	NE8-39S-2W	70 ~~5~~	50	n		AIH352	n	t 0.25 30
31	Hopkins Gl.	NW4-39S-2W	70 tr		1 (tin)	50	AIH353	n	t 0.25 31
32	Miller Gl.	Cof35-38S-2W	70 tr		n		AIH354	n	t 0.25 32
33	Sailor Gl.	SE28-38S-2W	70 tr		n		AIH355	n	0.1 0.50 33
34	Sterling Cr.	SE28-38S-2W	50 tr		n		AIH356	n	t 0.25 34
35	Dutch Gl.	NE33-38S-2W	50 tr		n		AIH357	n	0.1 0.50 35
36	Grub Gl.	S½4-39S-2W	70 tr		n		AIH358	n	0.3 1.25

TALENT QUAD

4/10

MCM NO. B1515—12

		LOCATION STREAM	Sec-Twn-Rng	Cu ppm	r	Zn ppm	r	Mo ppm	Hg ppm	r	
37	1	Grouse Cr.	E½24-39S-3W	50 tr	3	150	AIH359 n	0.15	0.75		1
38	2	Bishop Cr.	NW30-38S-2W	70 /6 100	1	50	AIH360 n	t	0.25		2
39	3	U.C.	NW30-38S-2W	70 /6 100	1	50	AIH361 n	t	0.25		3
40	4	N.Fk Anderson Cr.	N½5-39S-1W	70 tr	1	50	AIH362 n	0.1	0.50		4
41	5	S Fk. Anderson Cr.	SW5-39S-1W	50 tr	2	100	AIH363 n	0.1	0.50		5
42	6	Yank Gl.	SW3-39S-1W	70 tr	2	100	AIH364 n	0.2	1.00	SK	6
43	7	Arrastra Cr.	NE14-39S-1W	70 /5 50	n		AIH365 n	0.1	0.50		7
44	8	Horn Gl.	SE14-39S-1W	50 tr	n		AIH366 n	t	0.25		8
45	9	Basin Cr.	SW23-39S-1W	20 tr	n		AIH367 n	0.15	0.75		9
46	10	U.C.	NE27-39S-1W	20 tr	n		AIH368 n	0.1	0.50	SK	10
47	11	U.C	SE34-39S-1W	7 tr	n		AIH369 n	0.15	0.75		11
48	12	Greely Cr.	Cof 3-40S-1W	10 tr	tr		AIH370 n	0.15	0.75		12
49	13	Sheep Cr.	W½10-40S-1W	15 tr	1	50	AIH371 n	0.1	0.50		13
50	14	U.C.	NW15-40S-1W	15 tr	n		AIH372 n	0.1	0.50		14
51	15	U.C.	NW22-40S-1W	20 /5 50	1	50	AIH373 n	0.1	0.50		15
52	16	Bear Gl.	W½22-40S-1W	30 tr	1	50	AIH374 n	0.15	0.75		16
53	17	Little Applegate River	SW22-40S-1W	30 tr	2	100	AIH375 n	0.2	1.00		17
54	18	U.C.	NW34-39S-1W	20 tr	tr		AIH376 n	0.1	0.50		18
55	19	U.C.	SW33-39S-1W	30 /5 50	tr		AIH377 n	0.1	0.50		19
56	20	Water Gl.	E½33-39S-1W	50 /5 50	1	50	AIH378 n	0.1	0.50		20

note: at this point a variation in the analytical procedures was made. On samples previous to Talent #37 the Mo test was made on aliquoit containing sediment residue. From #37 on all Mo tests were run on aliquoit not containing residue. A test run on QCR #22 showed approximately the same amt. of Mo with possibly the residue samples showing higher because of suspended particulate material in amyl acetate layer

TALENT 1965

Initials | Date
Prepared By: TF 2/66
Approved By:

		wide		(1) Cu ppm	(2) Zn ppm	(3) Mo. ppm		(4) Hg ppm	
57	1	•	Wagner Cr. NE11, 39S, 1W	0.8 20	40 n		T AIH 379	025	t
58	2		Uncalled, NE11, 39S, 1W	.8 50	40 n		AIH 380	025	t
59	3		Uncalled, NE14, 39S, 1W	.4 15	20 n		AIH 381	025	t
60	4		Skunk Gulch, SE32, 39S, 1W	1.0 50	50 n		AIH 382	000	n
61	5		Little Applegate R. NE32, 39S, 1W	.4 7	20 n		AIH 383	025	t
62	6		Second Water Gl. NW32, 39S, 1W	.8 30	40 n		AIH 384	025	t
63	7		First Water Gl. SW29, 39S, 1W	1.0 70	50 n		AIH 385	025	t
64	8	•	Rush Cr. NE19, 39S, 1W	1.0 70	50 n	n	AIH 386	1.00 S	0.2
65	9		Rush Cr. SW19, 39S, 1W	0.8 70	40 n		AIH 387	0.50S	0.1
66	10		Crepsey Gl. NE22, 40S, 2W	0.8 70	40 n		AIH 388	050	0.1
67	11	•	Yale Cr. NE22, 40S, 2W	0.8 50	40 n	n	AIH 389	050	0.1
68	12		Uncalled, SE15, 40S, 2W	1.5 50	75 n		AIH 390	025	t
69	13		Dog Fork, NE15, 40S, 2W	0.8 30	40 n		AIH 391	025	t
70	14		Stump Gl. SE10, 40S, 2W	0.8 30	40 n		AIH 392	025	t
71	15		Box Canyon. SW3, 40S, 2W	0.8 50	40 n		AIH 393	000	n
72	16		Little Applegate, SW28, 39S, 2W	0.4 30	20 n		AIH 394	050	0.1
73	17		McCormic Gl. NW28, 39S, 2W	1.5 70	75 n		AIH 395	050	0.1
	74		Uncalled, SW6, 41S, 1E	0.8 70	40 1	50	AIH 396	050	0.1
75	19		SE1, 41S, 1W	0.8 50	40 Tr		AIH 397	050	0.1
76	20		Long John Cr. C1, 41S, 1W	0.8 50	40 1	50	AIH 398	050	0.1
77	21		NW1, 41S, 1W	0.4 30	20 3/1	150/50	AIH 399	025	t
78	22		Uncalled NW1, 41S, 1W	0.4 30	20 1	50	AIH 400	050	0.1
79	23		West Branch, SC2, 41S, 1W	0.4 30	20 1	50	AIH 401	025	t
80	24		Uncalled, SW2, 41S, 1W	0.8 50	40 n		AIH 402	050	0.1
81	25		Uncalled, NW11, 41S, 1W	0.8 50	40 Tr		AIH 403	025	t
82	26								
83	27		Uncalled, NW3, 41S, 1W	0.8 70	40 n		AIH 404	025	t
84	28		Red Mtn Cr. NE3, 41S, 1W	0.8 30	40 3/3	150/50	AIH 405	025	t
85	29	*	Uncalled, SE27, 40S, 1W	0.8 30	40 3/1	150/50	AIH 406	025	t
87	30			X					
88	31		McDonald Cr. SW14, 40S, 1W	0.8 50	40 2/1	100/50	AIH 407	025	t
89	32	•	Uncalled, NW10, 41S, 1W	0.4 30	20 2/1	100/50 3	AIH 408	000	n
90	33		Uncalled, SE3, 41S, 1W	0.8 50	40 Tr		AIH 409	050	0.1
91A	34		Slick Taw, NW6, 41S, 2W	0.8 70	40 Tr		AIH 410	1.25	0.2
92A	35		Right Fk. Squaw, C6, 41S, 2W	0.8 70	40 1	50	AIH 411	075	0.15
93A	36		Squaw Cr. NE6, 41S, 2W	0.8 50	40 Tr		AIH 412	025	t
	37								
	38		MARIAL #57M	0.4	20 1	50			
	39								
	40	*	86 - Missing						
			Cu Standard	0.8					

TILLER QUADRANGLE 1965

TF 12-65

		width		(1) Cu				(2) Zn				(3) Mo		(4) Hg	
				Mineralization Type	c	f	PPM	c	f	PPM		PPM		PPM
1A	1	4'	Mitchell Creek	70		.8	40		1	50	AIM413		0.25	t
B	2		NW7 T32S R1W			1.5	75		1+	50		T	0.75S	0.1S
2A	3	4'	Diamond Creek	50		1.5	75		1+	50	AIM414		0.50	0.1
B	4		NW7 T32S R1W			1.5	75		2	100			0.25	t
3A	5	3'	UN	10		.8	40		1	50	AIM415	T	0.50	0.1
B	6		SW32 T31S R1W			.8	40		1	50			0.25	t
4A	7	3	Jaques Creek	70	6/6	3+	150	2	2	100	AIM416		0.25	t
B	8		SC29 T31S R1W		3	1.5	75	1	T				0.00	n
5A	9		Section Creek	70	1.5	.8	40	T	T		AIM417		0.25	t
B	10		NE32 T31S R1W		1.5	.8	40	T	T				0.25	t
6A	11	4	Fla t Creek	50	3	.8	40	1	1	50	AIM418		0.25	t
B	12		NE4 T32S R1W		1.5	.8	40	1	1	50			0.00	n
7A	13	5	Shed Creek	30	1.5	.8	40	T	T		AIM419		0.00	n
B	14		NE4 T32S R1W		1.5	.8	40	T	T				0.25	t
8A	15	5	East Forrk Elk Cr.	20	1.5	.8	40	1	T	50	AIM420		0.25	t
B	16		SE32 T31S R1W		1.5	.8	40	2	1	100			~~1.50~~ 0.25	t
9A	17	4	Trib to Flat Creek	50	1.5	.8	40	N	T		AIM421		0.25	t
B	18		NE9 T32S R1W		1.5	.8	40	1	1	50		T	0.25	t
10A	19	3	Trib. to Flat Creek	50	1.5	.8	40	1	T		AIM422		0.00	n
B	20		NW10 T32S R1W		1.5	.8	40	T	T				0.00	n
11A	21	4	Trib. to Flat Creek	30	1.5	1.5	75	1	T		AIM423		0.25	t
B	22		NW10 T32S R1W		3	1.5	75	T	1	50			0.25	t
12A	23	4	Tom Creek	15	1.5	.8	40	1	1	50	AIM424		0.00	n
B	24		SW30 T31S R1W		1.5	1.5	75	1	T				0.25	t
13A	25	4	Brownie Creek	30	1.5	.8	40	2	T		AIM425		0.25	t
B	26		SW30 T31S R1W		1.5	.8	40	1	1	50			0.25	t
14A	27		Anderson Creek	30	1.5	.8	40	T	2	100	AIM426		0.25	t
B	28		SW19 T31S R1W		1.5	.8	40	1	1	50			0.25	t
15A	29	5	Fla t Creek	50	1.5	.8	40	1	T		AIM427		0.25	t
B	30		SE32 T31S R1W		1.5	.8	40	1	1	50			0.25	t
16A	31	5	Camp Creek	50	1.5	.8	40	1	T		AIM428		0.50	0.1
B	32		SW13 T31S R2W		.8	.8	40	2	1	50		5	0.00	n
17A	33	4	Joe Hall Creek	50	.8	.8	40	N	T		AIM429		0.25	t
B	34		SE18 T31S R1W		.8	.8	40	N	2	100			0.00	n
18A	35	4	Trib. to Joe Hall Creek	50	1.5	.8	40	N	1	50	AIM430		0.25	t
B	36		NE19 T31S R1W		.8	.8	40	N	1	50			0.25	t
19A	37		Trib. to Elk Creek	50	.8	.8	40	N	T		AIM431		0.25	t
B	38		EC14 T31S R2W		1.5	.8	40	N	2	100			0.25	t
20A	39	2	Trib. to Elk Creek	30	.8	.8	40	N	1	50	AIM432		0.25	t
B	40		NW13 T31S R2W		.8	.8	40	N	2	100			0.50	0.1

TILLER QUADRANGLE 1965

Initials Date
Prepared By: TF 12/65
Approved By:

		wide		(1) Cu ppm	Cu %	(2) Mo ppm		(3) Zn		(4) Hg ppm	Hg %
21A	1	2-3	Dixon Creek	20	.8	40	AIH 433	N	1	50	0.25 t
21B	2		SW11 T31S R2W		.4	20		N	N		0.25 t
22A	3	4-6	Drew Creek	30	1.5	75	AIH 434		T		0.50 0.5 0.1
B	4		SW11 T31S R2W		1.5	75			1	50	6.70 5.50 1.0
23A	5	2	Golden Gulch	20	.8	40	AIH 435		1	50	0.25 t
B	6		SW11 T31S R2W		.8	40			1	50	0.25 t
24A	7	3	Trib To Callahan Creek	15	.8	40	AIH 436		N		0.00 n
B	8		SE24 T31S R2W		1.5	75		N	T		1.25 0.2
25A	9	2	Trib. to Callahan Creek	10	.8	40	AIH 437		N		0.25 t
B	10		S Center 20 T 31S R2W		.8	40			N		0.25 t
26A	11		Trib. to Callahan Creek	15	.8	40	AIH 438		N		0.25 t
B	12		NC 29 T31S R2W		.8	40			N		0.25 t
27A	13	2	Trib. to Callahan Creek	20	.8	40	AIH 439		N		0.25 t
B	14		SE20 T31S R2W		.8	40			N		0.00 n
28A	15	2	Trib. to Callahan Creek	10	.8	40	AIH 440		N		0.00 n
B	16		NW29 T31S R2W		.8	40			N		0.25 t
29A	17	10	Callahan Creek	15	1.5	75	AIH 441		N		0.25 t
B	18		SW30 T31S R2W		1.5	75			N		0.25 t
30A	19	10-12	Callahan Creek	10	.8	40	AIH 442		N		0.25 t
B	20		NW10 T31S R2W		.8	40			N		0.25 t
31A	21	2	Slate Creek	20	1.5	75	AIH 443		T		0.25 t
B	22		NE32 T30S R2W		1.5	75			N		0.25 t
32A	23	6	Hatchet Creek	10	.8	40	AIH 444		N		0.25 t
B	24		NW32 T30S R2W		.8	40			N		0.25 t
33A	25	6	Coffee Creek	15	1.5	75	AIH 445		T		0.25 t
B	26		NE30 T30S R2W		1.5	75			N		0.75 0.5
34A	27	2	Trib to Hatchet Creek	15	.8	40	AIH 446		N		0.25 t
B	28		WC 32 T30S R2W		.8	40			N		0.25 t
35A	29	5	East Fork Cow Creek	20	1.5	75	AIH 447		T		0.25 t
B	30		NE21 T32S R2W		.8	40		N	1	50	0.25 t
36A	31	2	Trib to Beaver Creek	7	.8	40	AIH 448		N		0.25 t
B	32		WC6 T32S R2W		.8	40			N		0.25 t
37A	33	3	Trib to Beaver Creek	50	1.5	75	AIH 449		N		0.25 0.25 t
B	34		SW6 T32S R2W		1.5	75			T		1.50 2.00 1.0 1.0 0.1
38A	35	2	Trib. to Beaver Creek	20	.8	40	AIH 450		N		0.25 t
B	36		NE12 T32S R3W Creek		.8	40			N		0.25 t
39A	37	3-5	Drew Creek	10	.8	40	AIH 451		N		0.25 t
39B	38		C9 T32S R2W		.8	40			N		0.25 t
	39										
	40										

Hg analysis

22A 6.0 / 0.5 on straight sample

22A Sieved

+48	0.25	0.50
-48+65	0.50	0.50
+65-80	0.50	0.50
-80	0.75	1.5

37A	0.25	0.25
37B	1.0	1.0

Tiller Quadrangle 1965

Initials Date
Prepared By TF 12/65
Approved By

		wide			(1) Cu ppm			(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
40A	1	3	Trib. to Drew Creek	2	15	.8	30 40	2	tr	100	AIH 452	0.25	t
B	2		SW3 T32S R2W		3			1		50		0.25	t
41A	3	2	Trib. to Drew Creek	2	3	.8	15 40	1	tr	50	AIH 453	0.25	t
B	4		Cen 3 T32S R2W		3			1		50		0.25	t
42A	5	5	Salt Creek	2	15	.8	30 40	1		50	AIH 454	0.50	0.1
B	6		SE28 T30S R2W		3			T				0.25	t
43A	7	3	Dead Horse	2	3	.8	30 40	2		100	AIH 455 T	0.25	t
B	8		SE22 T30S R2W		3			2		100		0.25	t
44A	9	5	Dompier Creek	2	15	.8	30 40	1		50	AIH 456 T	0.25	t
	10		W Cen 23 T30S R2W		15			2		100		0.25	t
45A	11	2	East Fork Dompier Creek	2	3	.8	20 40	1		50	AIH 457	0.25	t
B	12		N Cen 15 T30S R2W		15			N				0.25	t
46A	13	2	West Fork Dompier Creek	2	3	.8	20 40	T			AIH 458	0.25	t
B	14		N Cen 15 T30S R2W		3			T				0.25	t
47A	15	2	Trib. to South Umpqua River	2	.8	.8	20 40	1		50	AIH 459	0.25	t
B	16		SE23 T30S R2W		.1		40	1		50		0.25	t
48 A	17	2	Un Trib. to South Umpqua R.		.8		30 40	N			AIH 460 T	0.25	t
B	18		SE13 T30S R2W		.8		40	T				0.25	t
49A	19	3	Uncalled		.4		15 20	N			AIH 461	0.50	t
B	20		SE12 T30S R2W		.4		20	N				0.50	0.1
50A	21	2	Uncalled		.4		5 20	N			AIH 462	0.25	t
B	22		Nel2 T30S R2W		.8		40	N				0.25	t
51A	23	20	Deadman Creek		.8		20 40	1		50	AIH 463	0.25	t
			NW18 T30S R1W										
B	24				.8		40	1		50		0.25	t
52A	25	2	Collins Creek		.8		20 40	2		100	AIH 464	0.25	t
B	26		S Cen 7 T30S R1W		.8		40	T				0.25	t
53A	27	2	Uncalled		1.5		30 75	N			AIH 465	0.25	t
B	28		NE20 T30S R1W		.8		40	N				0.00	n
54A	29	2	Chapman Creek		1.5		20 75	N			AIH 466	0.00	n
B	30		NW21 T30S R1W		.8		40	1		50		0.25	t
55A	31	2	Nichols Creek		.8		20 40	T			AIH 467	0.25	t
B	32		NE21 T30S R1W		.8		40	N				0.25	t
56A	33	8	Uncalled		.8		20 40	T			AIH 468	0.75	0.15
B	34		S Cen 22 T30S R1W		.8		40	N				0.25	t
57A	35	2	Bullock Creek N		.8		15 40	T			AIH 469	0.25	t
B	36		Nw23 T30S R1W		.8		40	1		50		0.25	t
58 A	37	Uncalled			.8		15 40	T			AIH 470	0.25	t
B	38		SW13 T30S R1W		.8		40	T				0.25	t
	39												
	40												

BURROUGHS CORPORATION TODD COMPANY DIV. Form 954

TILLER QUADRANGLE 1965

Initials: Prepared By TF 12/65 Approved By

		wide		(1) Cu ppm	Spec. Cu Semiquant.	(2) Zn ppm		(3) Mo ppm		(4) Hg ppm	
59A	1	4	Coffin Creek	1.5	20	40	2	100	AIH 471		t
B	2		NW24 T30S R1W	1.5		40	2	100			t
60A	3	3	Winters Creek		20	75	1	50	AIH 472		t
B	4		E Cen28 T30S R1W	1.5		40	2	100	5		t
61A	5	2	Burnt Creek		20	40	2+	100	AIH 473		t
B	6		NW34 T30S R1W	1.5		40	1	50			t
62A	7	2	West Fork Stampede Creek	1.5	20	40	2	100	AIH 474		t
B	8		SE33 T30S R1W	1.5		40	1	50			0.1
63A	9	2	East Fork Stampede Creek	1.5	20	40	1	50	AIH 475		0.1
B	10		Cen 3 T31S R1W			40	1	50			0.1
64A	11	3-4	Three Cabin Creek	1.5	20	40	2	100	AIH 476		0.1
B	12		SE 11 T31S R1W	1.5		40	1	50			t
65A	13	D 5	Devils Knob Creek	1.5	15	40	2	100	AIH 477		t
B	14		West Cen 12 T31S R1W	1.5		40	1	50			t
66A	15	4	Pipestone Creek	1.5	10	20	3	150	AIH 478	5	0.1
B	16		SE13 T 31S R1W	1.5		40	2	100			t
67A	17	10	West Branch Elk	2 1.5	30	40	1	50	AIH 479		t
B	18		SE26 T32S R1W	3		75	2	100	T		0.1
68A	19	6	Trib. to West Branch Elk Creek	2 1.5	30	40	1	50	AIH 480		0.15
B	20		S. Cen 26 T32S R1W	1.5		40	1	50			t
69A	21	4	Elk Creek	2 1.5	20	40	1	50	AIH 481		t
B	22		SE7 T32S R1W	1.5		40	1	50			t
70A	23	3	Wall Creek	3	70	75	1	50	AIH 482		t
B	24		SW30 T32S R1W	3		75	1	50			0.1
71A	25	3	Dead Horse Creek	1.5	20	40	1	50	AIH 483		0.1
B	26		NE36 T32S R2W	1.5		40	T	50			t

rerun on #71B with Cu standard shows these values should be cut in half

TILLER

	Width		(1) Cu Semiquant Spec PPM	MR	(2) Zn PPM	AA MR	(3) Mn	(4) AA PPM	MR
72		Diamond Cr. W½12, 32S, 2W	15	20	25	140	320 AIH 484	0.1	0.25, 0.5
73-A	3'	Trib to Drew Creek	150	200	85	120	270 AIH 485	0.1	0.5, 0
73-B		E½25, T32S, 2W	65		35	100	230	t	0.25, 0.25
74		Drew Creek E½5, 32S, 2W	20	30	10	75	170 AIH 486	t	0.25, 0
75A	3'	Trib L Drew Creek	50	30	20	65	150 AIH 487	t	0, 0.25
B		SW 33, T31S, R2W	½		25	75	170	n	0, 0
76	6'	Granite Cr. C33, 31S, 2W	30	80	15	60	130 AIH 488	n	0, 0
77	3'	S. Trib Drew Cr. NE33, 31S, 2W	½	50	25	75	175 AIH 489	0.4	c
78A	10'	S. Trib Drew Creek (below Banfield)	70	30	40	100	230 AIH 490	1.1	
78B		Mine L'034, T31S, R2W	½		25	90	210	0.5	
79		E. Trib Drew Cr. S½27, 31S, 2W	30	30	15	75	175 AIH 491	0.6	
80		W. Trib Drew Cr. SW27, 31S, 2W	30	30	15	75	175 AIH 492	n	0
81		W. Trib Drew Cr. SW22, 31S, 2W	50	50	25	120	270 AIH 493	0.1	
82		W. Trib Drew Cr. NW22, 31S, 2W	35	30	20	120	270 AIH 494	0.1	
83		E. Trib Drew Cr. N½22, 31S, 2W	45	20	25	100	230 AIH 495	0.1	
84	3'	Granite Cr. S½27, 30S, 2W	25	30	15	115	260 AIH 496	0.15	
85		Texas Gl. NW6, 30S, 2W	25	30	18	120	275 AIH 497	0.1	
86	4'	Coffee Cr. NW6, 30S, 2W	30	30	15	90	200 AIH 498	0.1	
87	2'	Ruby Cr. C18, 30S, 2W	45	30	25	100	230 AIH 499	0.15	
		resamples							
2A		Diamonde, NW7, 32S, 1W	50		15	90	200	n n	0
2B		creek sample	½		25	150	345	7 n	0
4A		Dagues Cr.	30		15	130	300	n n	0
4B		S½ 29, T31S, R1W	½		25	170	390	n 0.1	0.5
		Cu Semiquant	70		40				
					60		230		

TRAIL QUAD

4/15

MCM NO. B1515—T2

	Location Stream	Sect-Twp-Rng	Cu ppm	Cu corrected 4/13/67	Zn		Mo (PPM)	Hg
1	Sprignett G.	NW19-34S-2W	50 tr	n		AIH500 n	0.3	1.50
2	U.C.	NE19-34S-2W	100 tr	50 tr	tr	AIH501 n	t	0.25
3	U.C.	SW20-34S-2W	70 tr	100	tr	AIH502 n	n	0.00
4	U.C.	N½29-34S-2W	50 tr		tr	AIH503 n	n	0.00
5	U.C.	NW29-34S-2W	30 tr		tr	AIH504 n	t	0.25
6	Mill Hollow	NW16-34S-2W	100 tr	150	1	50 AIH505 n	4.0	20.00
7	Morrison Cr.	W½29-34S-2W	30 tr		n	AIH506 n	n	0.00
8	U.C.	SW33-33S-2W	50 tr		tr	AIH507 n	t	0.25
9	Evans Cr.	W½33-33S-2W	50 tr		n	AIH508 n	t	0.25
10	U.C.	NE33-33S-2W	30 tr		1	50 AIH509 n	n	0.00
11	U.C.	SW28-33S-2W	50 tr		n	AIH510 n	0.2 Smoke	1.00
12	U.C.	E½29-33S-2W	20 tr		n	AIH511 n	0.1	0.50
13	Evans Cr.	NE29-33S-2W	30 tr		n	AIH512 n	t	0.25
14	U.C.	NE29-33S-2W	30 tr		n	AIH513 n	t	0.25
15	U.C.	N½21-34S-2W	70 tr		1	50 AIH514 n	t	0.25
16	U.C.	NE21-34S-2W	50 tr		1	50 AIH515 n	n	0.00
17	U.C.	SE21-34S-2W	70 tr		1	50 AIH516 n	t	0.25
18	U.C.	SE21-34S-2W	70 tr		1	50 AIH517 n	n	0.00
19	U.C.	Int 28 & 29-34S-2W	100 tr		1	50 AIH518 n	t	0.25
20	U.C.	NW2-35S-2W	70 tr		1	50 AIH519 n	n	0.00
21	U.C.	NW2-35S-2W	70 tr		1	50 AIH520 n	n	0.00
22	U.C.	SW10-35S-2W	30 n		1	50 AIH521 n	t	0.25
23	Snider Cr. U.C.	SW10-35S-2W	30 tr		tr	AIH522 n	n	0.00
24	U.C.	S½21-35S-2W	20 n		n	AIH523 n	0.3	1.75
25	Hog Cr.	NW22-35S-1W	30 tr		tr	AIH524 n	n	0.00
26	UC	SW7-35S-1W & 1E	30 tr		2	100 AIH525 n	n	0.00
27	Reese Cr.	SW10-35S-1W	50 tr		tr	AIH526 n	n	0.00
28	Murderer Gl.	SW10-35S-1W	50 tr		1	50 AIH527 n	t	0.25
29	Langel Cr.	SW34-34S-1W	50 tr		2	100 AIH528 n	n	0.00
30	Indian Cr.	SW15-34S-1W	30 tr		n	AIH529 n	t	0.25
31	U.C.	SE16-34S-1W	30 tr		+10	150+500 AIH530 n	t	0.25
32	U.C.	SE16-34S-1W	30 tr		4	200 AIH531 n	n	0.00
33	U.C.	SW17-34S-1W	30 tr		1	50 AIH532 n	n	0.00
34	U.C.	SW10-34S-1W	20 tr		n	AIH533 n	0.2 Smoke	1.00
35	Long Branch	SW12-34S-2W	50 tr		n	AIH534 n	tr	0.25
	Reruns Gold Hill #69		tr		n	n		

McM No. B1515-12

		Cu ppm	Zn ppm	MR Zn	MR	
	rerun on samples collected 7/64					
1	32 (dup)	0.4	40	144	<10	1
2	32a between 9&16 T34S, R 1W	0.4	40	155	<10	2 57
3	32b SW, SW 9, T34S, R1W	0.4	40	55	<10	3 58
4	32c	1.0	100	150	<10	4 59
5	32d 1/8 mile above culvert where #32 taken	0.4	40	70	<10	5
6	32e 100 yds below power line xing	0.4	40	130	<10	6
7	33a 1/8 mile above road	0.4	40	110	<10	7
8	33b at power line	0.4	40	110	<10	8
9	37 duplicate ~~SW18, T34S, R1~~	0.4	40	100	<10	9
10	37a SW18, T34S, R1W on Long Branch	0.4	40	75	<10	10 61
11	37b SW 18, T34S, R1W on trib of Long Branch	0.8	80	—	[illegible]	11 62
12	37c NW, NE 20, T34S, R1W Trib to Long Branch	0.4	40	90	15	12
13	1/4 mile up 37c	0.4	40	30	<10	13
14	37d NW, NE 20, T34S, R1W Long Branch	0.8	80	105	11	14
15	37e SW, SW 17, T34S, R1W Trib	0.4	40	52	<10	15 60
16	~~37~~ 1/4 mile up 37e	0.4	40	25	15	16
17	37f Long Branch SW, SE 17, T34S, R1W 60	0.4	40	105	[illegible]	17
18	CASCADIA QUAD					18
19	SSR#1 Canyon Cr				10	19
20						20
21	note: Standard Mo sample of 7 ppm gave a MR of 39					21
22	Zn standards MR = ppm					22
23						23
24						24
25						25
26						26
27						27
28						28
29						29
30						30
31						31
32						32
33						33
34						34
35						35

TRAIL QUAD

4/15

McM No. B1515—12

		Location. Stream	Sect. Twn. Rng.	Cu ppm	Zn ppm		Mo ppm	Hg ppm	
37	1	Long Branch	NE20-34S-1W	30	~~8~~	~~700~~ AIH 535 n	t	0.25	1
38	2	U.C.	SE29-34S-1W	30	2	100 AIH 536 n	n	0.00	2
39	3	U.C. NW31	~~NW34~~-34S-1W	50	2	100 AIH 537 n	t	0.25	3
40	4	Dry Creek	NE36-34S-2W	50	2	100 AIH 538 n	n	0.00	4
41	5	Lewis Cr.	NW2-34S-1W	30	2	100 AIH 539 n	t	0.25	5
42	6	Canyon Cr.	SW28-33S-1W	30	2	100 AIH 540 n	n	0.00	6
43	7	U.C.	SW20-33S-1W	50	t	AIH 541 n	n	0.00	7
44	8	U.C.	SE19-33S-1W	30	t	AIH 542 n	0.1	0.50	8
45	9	Paradise Cr.	NW19-33S-1W	15	1	50 AIH 543 n	n	0.00	9
46	10	Romine Cr.	SE13-33S-2W	70	n	AIH 544 n	t	0.25	10
47	11	U.C.	NE13-33S-2W	50	t	AIH 545 n	t	0.25	11
48	12	Walpole Cr.	NW13-33S-2W	70	n	2 100 AIH 546 n	t	0.25	12
49	13	U.C.	SW12-33S-2W	70	t	1 50 AIH 547 n	t	0.25	13
50	14	Chicago Cr.	E½11-33S-2W	70	t	1 50 AIH 548 n	t	0.25	14
51	15	W.Fk Trail Cr.	NE11-33S-2W	50	t	AIH 549 n	0.15	0.75	15
52	16	Buck Rock Cr.	NE20-33S-2W	50	t	1 50 AIH 550 n	n	0.00	16
53	17	U.C.	NE20-33S-2W	30	t	AIH 551 n	t	0.25	17
54	18	Trail Cr.	SW4-33S-1W	70	t	1 50 AIH 552 n	t	0.25	18
55	19	Toothacher Cr.	NE9-33S-1W	30	t	1 50 AIH 553 n	t	0.25	19
56	20	Wall Cr.	NE8-33S-1W	50	t	t AIH 554 n	n	0.00	20
Goldhill Quad #70			rerun		t	n n			21
Goldhill Quad #71			rerun		t	n n			22
	23		1964					Hg ppm	23
57 ~~57~~	24	UC	NE 16, T34S, R1W	50	40	155 AIH 555 n	t	0.25 32a	24
58 ~~58~~	25	UC	NW 9, 34S, 1W	70	50	150 AIH 556 n	n	n 32b	25
59 ~~59~~	26	UC	NW 9, 34S, 1W	50	40	55 AIH 557 n	n	0 32c	26
60 ~~60~~	27	S. Side Long Branch	SW 17, 34S, 1W	70	40	52 AIH 558 n	t	0.25 37e	27
61 ~~61~~	28	Long Branch	SE 18, 34S, 1W	50	80	t AIH 559 n	n	0 37a	28
62 ~~62~~	29	N. Side Long Branch	E½ 18, 34S, 1W	30	40	75 AIH 560 n	t	0.25 37b	29
63 ~~63~~	30	S. Side Long Branch	NE 20, 34S, 1W	70	40	90 AIH 561 n	t	0.25 37c	30
	31								31
	32								32
	33								33
	34								34
	35								35

TRAIL 1965

Initials: TF Date: 2/66
Prepared by:
Approved by:

	wide		(1) Cu ppm	(2) Zn ppm	(3) Mo ppm	(4) Hg ppm
~~57~~ A64	3	Uncalled, EC35, 32S, 1W	.8, 70	40 N	AIH 562	050 0.1
~~58~~ A65	3	Uncalled, SE35, 32S, 1W	.4 70	20 N	AIH 563	075 0.15
~~59~~ A66	6	Morine Cr. EC12, 33S, 1W	.4 70	20 N	~~AIH 564~~	050 0.1

BURROUGHS CORPORATION TODD COMPANY DIV. - L Form H554

	Cu STANDARD	1.10	

WIMER ½ QUAD ½

2/20

MCM NO. B1515—12

	Location Stream	Sect.-Twn-Rng	Cu ppm (Semiquant.)	Cu ppm (Corrected 5/13/76)	Cu (Semiquant.)	Zn		Mo	Hg ppm	Hg	
1	U.C.	SW20-35S-3W	100	50	n	AIH 565	n	t	0.25		1
2	Left Fk Sardine C.	SW20-35S-3W	70		n	AIH 566	n	n	0.00		2
3	Mi. Fk Sardine C.	NW28-35S-3W	100	50	n	AIH 567	n	0.1	0.50		3
4	Rt. Fk Sardine C.	NW28-35S-3W	70	50	n	AIH 568	n	0.15	0.75		4
5	Bear Branch	W½21-35S-4W	70		n	AIH 569	n	t	0.25		5
6	Red ditch	W½16-35S-4W	70		n	AIH 570	n	t	0.25		6
7	Queens C.	NW17-35-4W	100		n	AIH 571	0.4	t	0.25		7
8	U.C.	NW17-35S-4W	70		n	AIH 572	n	n	0.00		8
9	U.C.	SE5-35S-4W	70		n	AIH 573	n	n	0.00		9
10	Dixie Gl.	W½33-34S-4W	70		n	AIH 574	n	0.1	0.50		10
11	Brushy Gl.	~~NE28~~-34S-4W	50		n	AIH 575	n	t	0.25		11
12	U.C.	~~E½~~22-34S-4W	70		n	AIH 576	0.4	t	0.25		12
13	Fry Gl.	Int. 15-22-34S-4W	30		n	AIH 577	n	n	0.00		13
14	U.C.	NE15-34S-4W	70		n	AIH 578	n	n	0.00		14
15	Jamison Gl.	SW10-34S-4W	70		n	AIH 579	n	t	0.25		15
16	Rt. Fk Pleasant C.	SE10-34S-4W	70		n	AIH 580	n	n	0.00		16
17	Boulder C.	NE10-34S-4W	100		n	AIH 581	0.4	0.3	1.50		17
18	U.C.	SW2-34S-4W	150	50	tr	AIH 582	n	0.2	1.25		~~16~~
19	Pleasant C.	W½2-34S-4W	300	120+250	tr	AIH 583	n	0.1	0.50		19
20	U.C.	W½29-34S-4W	150	80	n	AIH 584	~~0.8~~	0.1	0.50		20
21	U.C.	SW20-34S-4W	100	50	n	AIH 585	~~0.8~~	n	0.00		21
22	Baker C.	W½32-33S-4W	100	50	tr n	AIH 586	n	0.15	0.75		22
23	U.C.	SE29-33S-4W	30	50	tr	AIH 587	n	0.1	0.50		23
24	U.C.	NW28-33S-4W	70	50	tr tr	AIH 588	n	t	0.25		24
25	Little Boulder C.	SW15-33S-4W	30	50	tr tr	AIH 589	n	t	0.25		25
26	Big Boulder C.	NW15-33S-4W	20	50	n	AIH 590	n	t	0.25		26
27	Last Chance C.	SW10-33S-4W	50	50	n	AIH 591	0.4	t	0.25		27
28	U.C.	W½11-33S-4W	30		n	AIH 592	n	0.1	0.50		28
29	Grave C.	W½11-33S-4W	70		n	AIH 593	n	t	0.25		29
30	Boulder C.	W½6-34S-4W	30		n	AIH 594	n	t	0.25		30
31	Clark C.	N½1-34S-5W	70	50	tr	AIH 595	n	n	0.00		31
32	Trimble C.	NW27-35S-4W	10		n	AIH 596	n	n	0.00		32
33	U.C.	Cot 15-35S-4W	20		n	AIH 597	n	n	0.00		33
34	Greens Gl.	SW11-35S-4W	20		n	AIH 598	n	n	0.00		34
35	Stein Gl.	N½1-35S-4W	70	50	n	AIH 599	n	t	0.25		35
36	Megarly Gl.	NW1-35S-4W	70	50	n	AIH 600	n	D.L	0.50		

MCM No. B1515-12

reren on #19 shows 120 ppm
" " using cold 6N HCl extraction shows high Cu 90+120 ppm

Followup samples collected July 1964

~~1960~~ follow up of sample 19 shows anomaly to be coming from Cu prospect called Golden Rule Mine which had been piling waste rock into Pleasant creek

		Cu MR	Zn MR	Mo MR
19a	repeat on Pleasant Cr. NW¼ T34S, R4W	6.0		<10
19b	trib to Pleasant C. NENW¼, T34S, R4W	1.5		<10
~~19c~~ 19d	Pleasant Cr. 200 yds above Golden Rule mine NW.NW¼	1.0		<10
20a	duplicate of original	1.0	50	<10
20b	left Fk. 50 yds above road	1.5		<10
20c	Right Fk 50 yds above road	2.0		<10
20d	small seep ¼ to ½ mile up rt. fork	1.5		<10
20e	¼ mile above road on left fork	2.0		<10
20f	seep ¼ mile above road on left fk.	1.0		<10
20g	rt. fork at forks of left fork	1.5		<10
20h	left fork at forks of left fork	0.8		<10
21a	duplicate at right fork	1.0	50	<10
21a'	duplicate at left fork	0.8		<10
21b	right fork ¼ mile above road	1.5		<10
21c	left fork ¼ mile above road	1.5		<10
21d	at seep 100' north of 21c	0.8		<10

note: standard Mo sample of 7 ppm gave a MR of 39 Dithiol method with filter #64
On Zn MR = PPM

WINER QUAD

3/5/64

MCM No. B1515—12

		Stream	Location: Sect.-Tcon.-Rng	Cu semiquant. ppm	Cu corrected 5/13/64	Zn semiquant. spec.	Zn AA ppm	Mo r	Mo ppm	Hg ppm	
37	1	U.C.	SE35-34S-4W	70	~~50~~	tr	AIH 601	n	t	0.25	1
38	2	U.C.	NE24-34S-4W	50	50	n	AIH 602	n	n	0.00	2
39	3	Sykes G.	NE28-34S-4W	20	50	n	AIH 603	n	t	0.25	3
40	4	Homestead Gl.	N½7-35S-3W	50	50	l	AIH ~~69~~ 50	~~0.4~~ 0.2	0.1	0.50	4
41	5	Murphy Gl.	NE7-35S-3W	70	50	n	AIH 605	0.2	t	0.25	5
42	6	May G.	S½32-35S-3W	70	50	n	AIH 606	0.2	t	0.25	6
43	7	McConville Gl.	SW4-35S-3W	50	50	n	AIH 607	n	t	0.25	7
44	8	U.C	SW4-35S-3W	50	50	n	AIH 608	n	n	0.00	8
45	9	Neathammer G.	SW33-34S-3W	70	50	n	AIH 609	n	t	0.25	9
46	10	Braton Gl.	NW3-35S-3W	50	50	n	AIH 610	n	0.15	0.75	10
47	11	Maple Gl.	SE27-34S-3W	30	50	n	AIH 611	n	t	0.25	11
48	12	Ramsey Gl.	W½25-34S-3W	50	50	n	AIH 612	n	0.2	1.00	12
49	13	Wells G.	NW23-34S-3W	30	50	n	AIH 613	n	0.1	0.50	13
50	14	Raspberry G.	SE15-34S-3W	20	50	n	AIH 614	n	t	0.25	14
51	15	U.C.	NW9-34S-3W	70	100	n	AIH 615	n	n	0.00	15
52	16	U.C	NW9-34S-3W	50	50	n	AIH 616	n	n	0.00	16
53	17	Battle G.	NW9-34S-3W	30	50	n	AIH 617	0.2	t	0.25	17
54	18	U.C.	NE10-34S-3W	100	200	n	AIH 618	n	0.1	0.50	18
55	19	Rock G.	NW34-33S-3W	15	50	n	AIH 619	n	t	0.25	19
56	20	Cold G.	NE28-33S-3W	10	50	n	AIH 620	n	t	0.25	20
57	21	U.C.	NE28-33S-3W	10	50	n	AIH 621	n	t	0.25	21
58	22	Sandbar Gl.	SW32-33S-3W	20	50	n	AIH 622	n	t	0.25	22
59	23	Sand G.	NE31-33S-3W	20	50	l	AIH ~~62~~ 50	n	t	0.25	23
60	24	Swamp G.	W½19-33S-3W	20	50	n	AIH 624	n	n	0.00	24
61	25	Steimetz G.	SW18-33S-3W	20	50	n	AIH 625	n	t	0.25	25
62	26	Slick Rock G.	NW18-33S-3W	30	50	n	AIH 626	n	n	0.00	26
63	27	U.C.	SW6-33S-3W	30	50	n tr	AIH 627	n	0.1	0.50	27
64	28	W. Fk Evans G.	N½6-33S-3W	15	50	n	AIH 628	n	n	0.00	28
65	29	U.C.	NE6-33S-3W	20	50	n	AIH 629	n	n	0.00	29
66	30	U.C.	SW6-33S-3W	20	50	n	AIH 630	n	t	0.25	30
67	31	U.C.	NW7-33S-3W	15	50	n	AIH 631	n	n	0.00	31
68	32	U.C.	NW7-33S-3W	15	50	n	AIH 632	n	t	0.25	32
69	33	Salt G. (rt. fk.)	~~SE34~~ SW35-33S-3W	20	50	n	AIH 633	n	0.15	0.75	33
70	34	Salt G.	SE34-33S-3W	20	60	tr	AIH 634	n	0.1	0.50	34
71	35										35
72	36										

Wimer Quad 1964

McM No. B1515—12

	Location stream	Sect-Twn-Rng	MR	Cu PPM			Zn			Mo PPM	Hg	
711	UC	SW28-34S-4W	47	20	52	n	AIH	635	n	t	0.25	1
722	~~UC~~ Ditch C.	19-20-34S-4W	~~45~~	30	80	n	AIH	636	n	t	0.25	2
733	UC'	SW35-33S-4W	60	50	88	n	AIH	637	n	t	0.25	3
744	UC'	NW35-33S-4W	60	30	66	n	AIH	638	n	t	0.25	4
755	Pleasant C.	Sedge 26-33S-4W	50	20	55	n	AIH	639	n	n	0.00	5
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SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. C-137C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/16/67

REPORT NO HM-1006 ABBOTT BUTTE — Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1/11	W-1	7	5	7	.7	1500	N(.5)	N(200)	N(10)	L(10)	150	N(1)	N(10)	N(20)	50	150	150
2	AIF-001	1	5	2	1	.7	1500	N			10	300	L(1)			30	100	100
3	02	2	3	1	.7	.7	1500	N			15	300	L			15	50	30
4	03	3	5	2	2	.7	1500	N			15	300	L			30	100	50
5	04	4	5	2	1	.5	1500	N			L	300	1			30	200	70
6	05	5	3	2	2	.7	1500	N			20	300	L			30	150	70
7	06	6	3	1.5	1.5	.7	1000	N			20	300	2			15	50	50
8	07	7	5	1	1.5	.7	1000	N			20	300	1			20	70	30
9	08	8	5	1	1.5	.7	1500	N			20	300	1			20	70	30
10	09	9	2	.3	1	.3	700	N			30	300	1.5			10	10	20
11	10	10	5	1.5	1.5	G(1)	1500	N			15	300	L			15	70	70
12	11	11	7	1.5	1.5	G(1)	1500	N			15	300	1			20	50	70
13	12	12	7	3	2	1	2000	N			L	300	L			30	200	70
14	13	13	5	2	2	.7	1500	N			15	300	L			20	150	70
15	14	14	7	1.5	1.5	.7	1500	N			10	300	1			15	100	70
16	15	15	7	1.5	1.5	1	1500	1			10	300	1			20	200	70
17	16	16	7	1.5	2	.7	2000	N			10	300	1			20	70	70
18	17	17	3	1	1.5	.5	1500	N			20	300	1			10	30	50
19	18	18	3	2	2	.5	2000	N			L	200	L			15	70	50
20	19	19	5	1.5	1.5	.5	1500	N			L	300	L			20	50	30
21	20	20	3	.5	.7	.5	1500	N			15	300	1			10	15	7
22	21	21	5	1	1	.7	1500	N			30	500	1			15	70	30
23	22	22	5	.7	.7	.7	1500	N	↓	↓	10	300	1	↓	↓	15	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm's. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

1

FILE NO C-137C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF1	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	001	1	N			50	10	-	-		30		300	-	-	500		15		150
3	02	2	N			20	15	-	-		15		200	-	-	200		15		150
4	03	3	N			50	10	-	-		30		300	-	-	300		15		150
5	04	4	N			70	15	-	-		20		200	-	-	300		15		150
6	05	5	N			50	10	-	-		30		300	-	-	300		20		150
7	06	6	L(20)			20	20	-	-		15		300	-	-	150		20		200
8	07	7	N			30	10	-	-		15		300	-	-	200		20		200
9	08	8 BUTTE	N			50	10	-	-		15		300	-	-	200		20		150
10	09	9	L			7	15	-	-		7		200	-	-	100		20		200
11	10	10	L			70	15	-	-		15		200	-	-	300		20		300
12	11	11	N			30	20	-	-		15		300	-	-	300		20		300
13	12	12	N			50	L	-	-		30		300	-	-	500		20		150
14	13	13	N			50	L	-	-		30		300	-	-	300		20		150
15	14	14 ABBOTT	N			30	10	-	-		20		300	-	-	200		20		150
16	15	15	N			70	10	-	-		30		200	-	-	500		20		150
17	16	16	N			20	10	-	-		20		300	-	-	300		20		150
18	17	17	L			20	15	-	-		15		500	-	-	150		20		200
19	18	18	N			30	10	-	-		20		300	-	-	200		20		100
20	19	19	N			20	10	-	-		20		300	-	-	300		20		150
21	20	20	N			5	10	-	-		15		150	-	-	150		20		200
22	21	21	N			15	-	-	-		20		-			-		-		-
23	22	22	N	↓	↓	15	20	-	-	↓	15	↓	150	-	-	200	↓	20	↓	200
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown
H- Interference
- Not looked for

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*-Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. C-138 C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/16/67

REPORT NO HM-1006 ABBOTT BUTTE Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	W-1	7	3	7	.7	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	150	100
2	AIF-023	23	3	.7	.7	.5	2000	N			20	500	1.5			20	70	30
3	24	24	5	.7	.5	.7	1500	N			20	500	1.5			20	50	30
4	25	25	3	.7	.5	.5	1500	N			20	500	1			15	30	20
5	26	26	7	2	1.5	1	2000	N			15	300	N(1)			20	150	30
6	27	27	5	1	1.5	.5	1500	N			30	300	1			30	100	30
7	28	28	5	.7	.5	.5	2000	N			15	300	1			20	50	30
8	29	29	5	1	.7	.5	1500	N			15	500	1			20	30	30
9	30	30	3	.7	.7	.7	1500	N			15	300	1.5			10	30	20
10	31	31	5	1	1	.7	2000	N			30	500	1			20	70	50
11	32	32	5	1	.7	.7	1500	N			15	300	1			20	70	50
12	33	33	5	.7	.5	.7	1500	N			20	300	2			20	150	50
13	34	34	5	1	1.5	.7	1500	N			15	300	1			20	70	30
14	35	35	5	1	.7	.7	1500	N			15	300	1			20	70	30
15	36	36	3	1	1	.5	2000	N			30	300	1			20	70	30
16	37	37	5	1	2	.7	1500	N(.5)			15	300	1			20	70	30
17	38	38	3	1	1.5	.5	1500	N			10	300	1			15	70	30
18	39	39	5	1	1.5	.5	2000	N			30	300	1			30	70	50
19	40	40	5	2	1.5	.5	1500	N			20	300	1			30	150	50
20	41	41	5	1	1.5	.7	2000	N			30	300	1			30	100	50
21	42	42	3	1	1.5	.5	1000	N										
22	43	43	3	.7	2	.5	1500	N			15	300	1			20	30	30
23	44	44	5	2	2	.7	1500	N			10	300	1			20	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO C-138C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIA	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	100
2	023	23	20			20	20	-	-		20		200	-	-	200		30	N	200
3	24	24	N			20	10	-	-		20		200	-	-	200		20	N	200
4	25	25	N			10	10	-	-		15		150	-	-	200		20	N	200
5	26	26	N			20	20	-	-		30		300	-	-	500		30	L(200)	150
6	27	27	L(20)			50	20	-	-		15		300	-	-	200		30	N	200
7	28	28	N			15	20	-	-		15		150	-	-	200		30	N	200
8	29	29	N			10	20	-	-		15		300	-	-	200		20	N	200
9	30	30	N			10	20	-	-		20		200	-	-	200		30	N	200
10	31	31	N			20	30	-	-		30		300	-	-	200		30	N	200
11	32	32	N			20	20	-	-		20		200	-	-	200		30	N	200
12	33	33	N			30	L	-	-		30		200	-	-	300		30	N	200
13	34	34	N			20	10	-	-		20		300	-	-	300		20	N	150
14	35	35	N			20	20	-	-		20		300	-	-	300		30	L(200)	200
15	36	36	N			30	10	-	-		20		300	-	-	200		30	N	150
16	37	37	N			30	10	-	-		20		500	-	-	200		30	N	150
17	38	38	N			20	30	-	-		15		500	-	-	200		20	N	200
18	39	39	N			50	20	-	-		20		300	-	-	300		30	N	150
19	40	40	N			70	10	-	-		30		300	-	-	300		20	N	150
20	41	41	N			50	20	-	-		20		300	-	-	300		20	N	150
21	42	42	L			20	20	-	-		20		300	-	-	300		20	N	200
22	43	43	N			15	30	-	-		15		500	-	-	200		30	N	200
23	44	44	L	↓	↓	30	20	-	-	↓	20	↓	500	-	-	500	↓	30	N	200
24								-	-					-	-					

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO 2-139C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/17/68

REPORT NO HM-1006 ABBOTT BUTTE Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	7	.7	1500	N(.5)	N(200)	N(10)	L(10)	150	N(1)	N(10)	N(20)	50	200	150
2	AIF-045	45	5	1	1.5	.5	1000	N			15	300	L(1)			20	50	50
3	46	46	5	1	1.5	.7	1500	N			10	300	1			20	150	30
4	47	47	7	1.5	1.5	G(1)	2000	1			15	300	L			30	150	30
5	48	48	5	1.5	1.5	.5	1000	N			15	300	L			20	70	50
6	49	49	7	1.5	1.5	.7	1500	N			10	300	L			30	100	50
7	50	50	5	.7	.7	.5	1000	N			20	300	L			15	50	30
8	51	51	7	1.5	2	1	1500	N			10	300	L			20	70	30
9	52	52	7	2	2	.7	1500	N			L	300	L			30	100	50
10	53	53	5	1	1.5	.7	1500	N			20	300	1			15	50	30
11	54	54	5	1	1.5	.7	1500	N			20	300	1			10	50	20
12	55	55	5	1	1	1	1500	N			50	300	L			20	150	70
13	56	56	5	.7	1	1	1500	N			30	300	L			20	70	30
14	57	57	5	1	1	.7	1500	N			15	300	L			20	70	50
15	58	58	5	1.5	1	.5	1500	N			70	200	L			30	150	100
16	59	59	5	1	1	.5	1000	N			30	200	L			15	100	70
17	60	60	3	1	.7	.7	1000	N			70	300	1			15	150	50
18	61	61	7	1	1.5	1	1500	N			15	300	L			20	70	30
19	62	62	5	1	2	.7	1000	N			10	300	L			20	70	30
20	63	63	5	.5	1	.7	1000	N			30	300	1			15	50	20
21	64	66	7	1	1.5	.5	2000	N			15	300	L			20	70	30
22	65	67	5	1	1	.5	1500	N			15	300	1			30	300	100
23	66	68	7	2	2	.7	1500	N	↓	↓	15	300	L	↓	↓	30	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-139 C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIA	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	045	45	20			15	15	-	-		20		300	-	-	200		30		200
3	46	46	L(20)			15	15	-	-		30		500	-	-	300		20		200
4	47	47	N			30	20	-	-		30		500	-	-	500		30		200
5	48	48	N			20	10	-	-		20		500	-	-	300		30		200
6	49	49	N			30	L	-	-		30		500	-	-	500		20		150
7	50	50	N			15	15	-	-		20		200	-	-	300		30		200
8	51	51	N			30	10	-	-		30		500	-	-	500		30		200
9	52	52	N			50	10	-	-		30		500	-	-	300		30		200
10	53	53	N			20	10	-	-		20		500	-	-	200		20		200
11	54	54	N			10	15	-	-		20		500	-	-	200		30		200
12	55	55	N			30	10	-	-		50		300	-	-	500		20		200
13	56	56	N			15	10	-	-		30		300	-	-	300		30		200
14	57	57	N			20	10	-	-		30		200	-	-	300		30		200
15	58	58	N			30	30	-	-		30		200	-	-	500		30		150
16	59	59	N			15	30	-	-		30		200	-	-	300		20		150
17	60	60	N			50	20	-	-		30		200	-	-	200		20		200
18	61	61	N			15	30	-	-		30		300	-	-	500		30		200
19	62	62	N			15	10	-	-		20		300	-	-	300		20		150
20	63	63	N			10	15	-	-		15		300	-	-	300		20		300
21	64	66	N			15	10	-	-		30		300	-	-	700		30		150
22	65	67	N			70	30	-	-		30		200	-	-	300		20		
23	66	68	N	↓	↓	20	10	-	-	↓	30	↓	200	-	-	700	↓	20	↓	150
24								-	-					-	-					

BUTTE ABBOTT

REMARKS. G=Greater than 10%, or greater than value shown
H-Interference
- Not looked for.
N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*-Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-140 C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/17/68

REPORT NO HM-1006 ABBOTT BUTTE Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	M-1	10	5	7	.7	1500	N(1.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	100	200	150
2	AIF-067	69	7	1	.7	.7	1500	N			L(10)	300	2			30	300	100
3	68	70	10	2	1	.7	1500	N			L	1000	1			70	700	150
4	69	71	3	1	1	.5	1500	N			20	300	L(1)			30	200	100
5	70	72	7	2	1	.7	1500	N			30	300	L			50	200	150
6	71	73	3	1	.7	.5	1500	N			15	300	1			20	100	100
7	72	74	5	2	1	.7	1500	N			20	300	L			30	300	150
8	73	75	7	3	2	1	1500	N			10	300	L			50	150	70
9	74	76	3	1	1.5	.5	1500	N			20	300	L			20	50	50
10	75	77	5	2	1.5	.5	1500	N			20	300	L			30	70	30
11	76	78	5	3	3	.5	1500	N			20	300	L			30	150	100
12	77	79	10	1	1.5	G(1)	1500	N			10	300	N			50	100	50
13	78	80	7	2	1.5	.7	1500	N			15	200	L			30	70	70
14	79	81	5	1.5	2	.5	1500	N			10	300	L			20	50	50
15	80	82	5	.7	.7	.7	1500	N			30	300	1			15	70	100
16	81	83	7	1	.7	1	1500	N			15	300	1			20	150	70
17	82	84	10	3	1	1	1500	N			L	300	L			50	300	100
18	83	85	5	1	.7	.5	1500	N			150	300	L			30	700	100
19	84	86	5	1.5	1	.7	1500	.5			15	300	L			30	150	100
20	85	AGNESS	5	3	.5	.5	1000	N			70	300	L			50	500	70
21	86	2M	3	1	.5	.5	1000	N			50	300	L			30	500	50
22	87	3M	5	2	1	.5	1000	N			30	300	1			20	300	50
23	88	4M	5	1	.7	.5	1000	N	↓	↓	50	300	1	↓	↓	30	300	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-140C ANALYST JERRY MOTOOKA Sheet 42

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W/-1	N(20)	N(5)	N(10)	100	L(10)	-	-	N(100)	70	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	067	69	N			100	20	-	-		20		300	-	-	300		20	N	150
3	68	70	30			150	20	-	-		30		500	-	-	300		30	N	200
4	69	71	N			30	20	-	-		20		200	-	-	300		20	N	150
5	70	72	N			50	10	-	-		30		200	-	-	500		15	N	200
6	71	73	N			30	20	-	-		20		200	-	-	200		10	N	150
7	72	74	N			70	10	-	-		20		200	-	-	500		15	N	150
8	73	75	N			30	L	-	-		30		500	-	-	700		20	N	150
9	74	76	N			15	20	-	-		15		300	-	-	200		15	N	150
10	75	77	N			20	10	-	-		20		500	-	-	500		20	N	150
11	76	78	N			30	N(10)	-	-		20		500	-	-	300		20	N	150
12	77	79	N			30	N	-	-		30		300	-	-	1000		20	N	150
13	78	80	N			30	L	-	-		30		300	-	-	500		15	N	150
14	79	81	N			30	20	-	-		15		500	-	-	300		10	N	150
15	80	82	N			20	30	-	-		20		200	-	-	200		30	N	200
16	81	83	N			50	10	-	-		30		200	-	-	300		30	N	200
17	82	84	N			150	10	-	-		30		200	-	-	500		20	N	150
18	83	85	N			30	20	-	-		30		300	-	-	300		30	N	150
19	84	86	N			50	150	-	-		30		200	-	-	300		30	N	150
20	85	AGNESS	N			200	10	-	-		20		L(100)	-	-	300		30	L(200)	150
21	86	2M	L(20)			70	L	-	-		15		150	-	-	200		20	N	200
22	87	3M	L			100	10	-	-		15		200	-	-	200		20	N	150
23	88	4M	L	↓	↓	70	20	-	-	↓	15	↓	200	-	-	200	↓	20	N	300
24								-	-					-	-					

ABBOTT 1947 TE

REMARKS: G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO 2-141C 6 Step D. C. Arc REQUESTED BY R. BOWIEN DATE 11/17/67

REPORT NO HM-1006 AGNESS Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	VV-1	7	3	7	.5	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	200	100
2	AIF-089	5M	5	1	1	.5	1000				15	500	1.5			20	100	30
3	90	6M	3	1.5	.5	.5	2000				30	300	1			20	300	70
4	91	7M	5	1	1	.5	1000				15	500	1.5			30	300	30
5	92	8M	3	1	.5	.5	700				10	500	1.5			10	100	30
6	93	9M	7	7	1	.5	1500				30	200	N			100	3000	70
7	94	10M	5	5	1	.5	1500				20	200	L(1)			50	1000	70
8	95	11M	5	2	.2	.5	1000				50	300	L			30	500	70
9	96	12M	7	5	1	.5	1500				70	200	N			70	3000	70
10	97	13M	10	7	1.5	.5	1500				150	200	N			100	5000	70
11	98	14M	7	7	.7	.7	1500				50	150	N			70	2000	50
12	99	15M	7	1.5	.3	.7	1000				50	300	L			30	500	50
13	100	16M	7	7	1	.5	1500				50	200	L			70	1500	70
14	101	17M	7	5	1	.7	1500				50	300	L			70	1500	70
15	102	18M	7	5	1	.5	1500				70	300	L			50	2000	70
16	103	19M	5	2	.5	.7	1000				100	700	1			20	200	70
17	104	20M	7	7	.7	.3	1000				70	200	N			70	3000	70
18	105	21M	5	2	.7	.7	1500				70	700	1			20	300	100
19	106	22M	5	1.5	1	.7	1500				50	300	L			20	500	70
20	107	23M	5	5	1.5	.5	1500				50	300	L			70	500	100
21	108	24M	15	2	1.5	1	1500				15	200	N			70	2000	70
22	109	25	10	7	2	.7	1500				50	300	N			70	2000	100
23	110	26M	7	3	.5	.7	1500	↓	↓	↓	70	300	1	↓	↓	50	2000	100
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-141C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	100	N(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	089	5M	20		N	70	10	-	-		15		300	-	-	200		15	N	300
3	90	6M	20		N	100	20	-	-		15		100	-	-	200		15	N	200
4	91	7M	20		N	70	10	-	-		20		150	-	-	200		20	N	200
5	92	8M	L(20)		L(10)	30	15	-	-		10		200	-	-	150		20	N	300
6	93	9M	N		N	300	N	-	-		30		N(100)	-	-	500		20	L(200)	200
7	94	10M	N		N	200	L(10)	-	-		30		100	-	-	500		20	N	150
8	95	11M	N		N	100	10	-	-		20		L(100)	-	-	300		20	N	300
9	96	12M	N		N	300	L	-	-		30		100	-	-	500		30	N	150
10	97	13M	N		N	500	N	-	-		30		100	-	-	300		20	N	200
11	98	14M	N		N	300	N	-	-		30		N	-	-	300		20	N	100
12	99	15M	30		N	100	N	-	-		20		100	-	-	300		20	N	200
13	100	16M	N		N	300	N	-	-		30		L	-	-	300		15	N	100
14	101	17M	N		N	300	L	-	-		30		100	-	-	700		20	N	150
15	102	18M	N		N	200	10	-	-		30		L	-	-	500		20	N	100
16	103	19M	L		N	70	20	-	-		20		150	-	-	500		20	N	200
17	104	20M	N		N	700	L	-	-		15		N	-	-	300		10	N	150
18	105	21M	20		L	100	10	-	-		20		200	-	-	500		30	N	200
19	106	22M	N		N	100	10	-	-		30		100	-	-	500		20	N	150
20	107	23M	N		N	200	L	-	-		30		150	-	-	500		30	N	150
21	108	24M	N		N	200	L	-	-		50		100	-	-	1500		15	N	150
22	109	25M	N		N	300	L	-	-		50		200	-	-	1000		20	N	150
23	110	26M	L	↓	N	150	20	-	-	↓	20	↓	L	-	-	500	↓	20	L(200)	200
24								-	-					-	-					

AGNESS

REMARKS. G=Greater than 10%, or greater than value shown.
H-Interference
- Not looked for.

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

FILE NO 2-142 C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIIF	M-1	N(20)	N(6)	N(10)	100	N(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	111	27M	N		N	500	L(10)	-	-		20		N(200)	-	-	200		20	N	150
3	12	28M	N		N	200	L	-	-		20		L(200)	-	-	300		30	L(200)	150
4	13	29M	N		N	200	L	-	-		30		L	-	-	300		30	L	150
5	14	30M	N		N	700	L	-	-		15		N	-	-	200		10	L	50
6	15	31M	N		N	700	N	-	-		15		N	-	-	300		10	L	50
7	16	32M	N		N	150	10	-	-		15		L	-	-	300		15	N	200
8	17	33M	N		N	70	10	-	-		15		100	-	-	200		20	N	150
9	18	34M	L(20)		N	70	10	-	-		20		100	-	-	300		30	N	150
10	19	35M	L		N	100	20	-	-		15		L	-	-	300		15	N	200
11	20	36M	L		N	70	30	-	-		20		L	-	-	300		20	N	200
12	21	37M	L		N	300	N	-	-		30		N	-	-	500		20	L	100
13	22	38M	L		N	200	10	-	-		30		N	-	-	500		30	L	200
14	23	39M	N		N	300	20	-	-		30		N	-	-	500		30	L	150
15	24	40M	20		L(10)	100	10	-	-		30		N	-	-	500		30	L	200
16	25	41M	N		N	70	30	-	-		15		N	-	-	300		20	N	150
17	26	42M	N		N	20	20	-	-		15		N	-	-	150		20	N	150
18	27	43M	70		N	150	15	-	-		30		N	-	-	700		30	L	300
19	28	44M	N		N	30	10	-	-		7		N	-	-	150		10	N	100
20	29	45M	N		N	20	20	-	-		10		N	-	-	150		10	N	150
21	30	46M	L		N	150	15	-	-		30		N	-	-	300		30	N	200
22	31	47M	1		N	100	15	-	-		20		150	-	-	200		20	N	200
23	32	48M	N	↓	N	100	10	-	-	↓	20	↓	L	-	-	200	↓	20	N	150
24								-	-					-	-					

REMARKS. G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

ADDRESS

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-142C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/17/67

REPORT NO HM-1006 AGNESS — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	M-1	10	5	7	.7	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	200	150
2	AIF-111	27M	7	5	.7	.5	1500	L(.5)			50	300	L(1)			100	1000	100
3	12	28M	7	3	.7	.7	1000	N			70	300	1			20	1000	100
4	13	29M	7	5	.7	.7	1500	N			70	500	1			50	2000	100
5	14	30M	7	7	.5	.2	1500	N			70	200	N			70	3000	100
6	15	31M	7	7	.7	.3	1000	N			50	150	N			70	3000	70
7	16	32M	3	2	.5	.5	1500	N			30	300	L			20	500	100
8	17	33M	3	1	.7	.5	1500	N			50	300	1			15	200	70
9	18	34M	5	2	.7	.5	1500	N			70	500	1			15	150	100
10	19	35M	5	2	.5	.5	1500	N			50	300	1			20	500	100
11	20	36M	5	1.5	.5	.5	1500	N			100	500	1			20	100	150
12	21	37M	7	7	1.5	.7	1500	N			100	200	L			70	3000	70
13	22	38M	7	3	1	.7	1500	N			70	500	1			30	500	100
14	23	39M	7	5	1	.7	1500	N			70	500	1			50	500	150
15	24	40M	7	3	.7	.7	1500	N			100	500	1.5			30	200	150
16	25	41M	3	2	.3	.5	700	2			70	300	1			15	300	50
17	26	42M	2	.7	.7	.3	1500	L			70	300	1			7	100	70
18	27	43M	5	3	.7	.7	1500	N			100	500	1			30	300	150
19	28	44M	1.5	.7	.7	.3	1500	N			30	300	1			5	70	30
20	29	45M	2	.7	.5	.3	1000	N			30	300	L			5	100	70
21	30	46M	5	3	.5	.7	1500	N			70	500	1.5			30	200	100
22	31	47M	3	1.5	.5	.5	1000	N			50	500	1			20	300	70
23	32	48M	5	1	.2	.5	1000	N	↓	↓	50	300	1	↓	↓	15	200	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-143C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/17/67

REPORT NO HM-1006 ASHLAND QUAD. Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	VI-1	10	3	7	.7	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	150	100
2	AIF-133	ARNESS 49M	3	2	.3	.5	1000				50	300	1			30	1000	50
3	34	50M	3	2	.5	.5	1000				30	300	L(1)			30	1000	30
4	35	1	3	1	2	.5	1000				10	300	2			15	50	20
5	36	2	3	1	1.5	.5	1000				30	300	1			20	100	50
6	37	3	5	1	1.5	.5	1500				15	300	2			20	50	30
7	38	4	3	1	1.5	.5	1000				20	300	1			20	70	7
8	39	5	5	1	2	.7	1500				30	300	L			30	100	50
9	40	6	5	1	2	.5	1500				20	300	2			20	70	50
10	41	7	7	2	3	1	1500				50	300	N			50	150	70
11	42	8	7	1	2	.5	2000				20	300	L			30	50	70
12	43	9	5	1	2	.5	1500				10	200	L			30	50	50
13	44	10	5	1	2	.5	1500				20	300	L			20	50	50
14	45	11	5	.7	.7	.5	1500				70	300	2			20	70	30
15	46	12	5	1	1	.7	2000				50	300	L			20	50	30
16	47	13	7	1.5	2	.7	2000				15	300	L			30	150	100
17	48	14	5	1	1.5	.5	1500				20	300	1			20	100	50
18	49	15	3	.7	1.5	.7	700				L(10)	500	2			5	20	L(5)
19	50	16	5	1	1.5	.5	1500				15	500	1			20	100	50
20	51	17	5	1	2	.5	1500				15	300	L			30	70	30
21	52	18	5	1	1	.5	1500				30	300	2			20	100	50
22	53	19	5	1	2	.5	1500				20	300	L			20	20	30
23	54	20	5	1	2	.5	2000				10	300	L			30	30	70
24																		

ASHLAND

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-143 C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	M-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	300	N(50)	30	N(200)	150
2	133	AGNESS 49M	N		N	100	L	-	-		15		100	-	-	200		15		200
3	34	50M	L(20)		N	100	10	-	-		15		100	-	-	200		15		150
4	35	1	30		15	20	10	-	-		15		500	-	-	200		20		200
5	36	2	30		N	50	100	-	-		15		500	-	-	200		30		200
6	37	3	50		20	20	20	-	-		15		500	-	-	200		30		300
7	38	4	30		15	20	N(10)	-	-		15		500	-	-	200		30		300
8	39	5	L(20)		N	20	10	-	-		20		500	-	-	500		30		150
9	40	6	N		N	20	15	-	-		20		500	-	-	300		30		150
10	41	7	N		N	50	10	-	-		30		500	-	-	700		30		150
11	42	8	N		N	20	15	-	-		20		500	-	-	300		30		150
12	43	9	N		N	20	10	-	-		20		500	-	-	300		20		150
13	44	10	N		N	15	20	-	-		20		300	-	-	300		30		150
14	45	11	N		N	20	10	-	-		20		500	-	-	200		20		150
15	46	12	N		N	20	15	-	-		30		500	-	-	200		30		150
16	47	13	N		N	30	10	-	-		30		500	-	-	300		30		100
17	48	14	N		N	20	20	-	-		30		300	-	-	300		30		150
18	49	15	30		20	7	10	-	-		5		500	-	-	100		15		200
19	50	16	50		10	50	10	-	-		20		300	-	-	300		30		200
20	51	17	L		N	15	L	-	-		30		500	-	-	500		20		150
21	52	18	N		N	20	10	-	-		30		300	-	-	300		20		150
22	53	19	L		N(10)	15	30	-	-		20		300	-	-	300	<	30		200
23	54	20	N	↓	N	15	10	-	-	↓	30	↓	300	-	-	300	√	20	√	150
24								-	-					-	-					

ASHLAND

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-144C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 11/17/66

REPORT NO HM-1006 ASHLAND QUAD. Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	7	.7	1500	N(.5)	N(200)	N(10)	10	100	N(1)	N(10)	N(20)	50	200	100
2	AIF-155	21	5	1	2	.5	1500				15	300	L(1)			20	70	50
3	56	22	5	2	2	.5	1500				20	300	L			30	100	50
4	57	23	3	.7	1.5	.5	1500				20	300	L			15	20	50
5	58	24	5	2	2	.5	1500				15	200	L			30	70	50
6	59	25	3	1	1.5	.5	1500				20	500	L			20	50	30
7	60	26	5	.7	.5	.7	1000				50	300	L			15	50	50
8	61	27	5	2	1.5	.5	1500				20	500	1			30	200	50
9	62	28	5	1.5	1.5	.5	1500				20	700	1			20	100	50
10	63	29	3	2	1.5	.5	1500				20	500	1			20	150	50
11	64	30	2	.7	1.5	.3	700				40	500	2			7	30	5
12	65	31	5	2	1.5	.5	1000				10	500	1.5			20	100	50
13	66	32	7	2	2	.7	1500				15	300	2			30	150	50
14	67	34	3	1	1.5	.5	1000				20	300	1			20	100	50
15	68	35	5	1	2	.5	1500				30	300	L			30	150	50
16	69	36	5	1.5	1.5	.5	1500				20	500	1			20	150	30
17	70	38	5	3	2	.5	1500				20	500	2			30	150	50
18	71	39	3	1	1.5	.5	1000				20	500	1			15	100	30
19	72	40	3	1	2	.5	1500				20	300	1			20	100	50
20	73	41	3	1	2	.5	1000				10	300	L			20	150	50
21	74	42	5	1	2	.5	1500				30	500	1			20	100	70
22	75	43	5	2	2	.7	1500				15	300	L			30	1000	50
23	76	44	5	1.5	1.5	.7	1500	↓	↓	↓	15	500	1	↓	↓	20	100	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0 7, 0 5, 0 3, 0.2, 0.15, 0.1, etc.

FILE NO 2-144C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	VI-1	N(20)	N(5)	N(10)	70	N(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	150
2	155	21	N		N	20	10	-	-		20		300	-	-	300		20		150
3	56	22	N		N	30	L(10)	-	-		20		500	-	-	300		30		150
4	57	23	N		N	15	10	-	-		15		300	-	-	200		20		150
5	58	24	N		N	20	L	-	-		20		500	-	-	500		20		150
6	59	25	N		N	20	L	-	-		15		500	-	-	300		20		150
7	60	26	N		N	80	30	-	-		20		200	-	-	300		30		200
8	61	27	30		10	100	N	-	-		20		200	-	-	300		30		300
9	62	28	70		15	30	N	-	-		20		500	-	-	300		50		500
10	63	29	50		15	70	N	-	-		20		300	-	-	300		30		300
11	64	30	30		15	15	N	-	-		10		500	-	-	150		15		200
12	65	31	30		L(10)	30	15	-	-		20		500	-	-	500		20		300
13	66	32	70		15	50	N	-	-		50		300	-	-	500		50		300
14	67	34	N		N	20	10	-	-		15		500	-	-	200		15		200
15	68	35	N		N	30	20	-	-		20		500	-	-	300		20		150
16	69	36	50		N	20	10	-	-		15		500	-	-	300		20		200
17	70	38	70		15	30	50	-	-		30		500	-	-	500		50		700
18	71	39	20		10	15	L	-	-		15		300	-	-	300		50		300
19	72	40	L(20)		N	30	10	-	-		15		500	-	-	200		20		150
20	73	41	L		N	20	15	-	-		15		300	-	-	300		15		150
21	74	42	L		N	20	20	-	-		15		300	-	-	300		20		150
22	75	43	N		10	70	N	-	-		50		300	-	-	500		30		200
23	76	44	50	↓	10	30	15	-	-	↓	20	↓	500	-	-	500	↓	30	↓	150
24								-	-					-	-					

ASHLAND

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
-=Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-145C 6 Step D. C. Arc REQUESTED BY R. ROWAN DATE 11/17/67

REPORT NO HM-1006 ASHLAND QUAD. Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	W-1	7	3	5	.5	1500	N(5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	150	100
2	AIF-177	45	3	1	1	.7	1000				10	300	2			10	50	5
3	78	46	5	1.5	1.5	1	1000				L(10)	300	2			15	50	7
4	79	47	3	.7	.7	.2	700				L	500	2			7	15	5
5	80	48	3	1	.7	.3	700				L	500	2			7	50	7
6	81	49	5	2	1.5	.5	1500				L	300	2			20	20	50
7	82	50	5	2	1.5	.5	1500				L	300	1			20	100	50
8	83	51	5	2	1.5	.7	1500				L	500	2			20	50	30
9	84	52	5	2	1.5	.5	1000				10	500	2			20	70	30
10	85	53	5	2	1.5	.5	1000				L	300	2			20	70	50
11	86	54	3	1.5	1.5	.5	1000				L	300	2			15	70	50
12	87	55	5	2	2	.5	1500				20	500	1.5			30	150	50
13	88	56	3	1	1.5	.5	1000				15	300	1			15	70	20
14	89	57	5	1	1.5	.7	1000				15	300	1			20	70	10
15	90	58	5	1.5	3	.5	2000				20	300	L(1)			30	150	70
16	91	59	3	1	1.5	.3	1500				20	300	1			10	50	30
17	92	60	5	2	2	1	1000				L	300	1.5			15	30	20
18	93	61	7	2	2	1	1500				L	300	1.5			30	50	30
19	94	62	3	1.5	1.5	.5	1000				L	300	1			20	50	20
20	95	63	5	2	2	1	1500				L	300	L			30	100	50
21	96	64	7	2	2	1	1500				20	300	1			30	150	100
22	97	65	7	3	3	.7	1500				30	300	1			30	150	70
23	98	66	5	1	1.5	.5	1500				20	100	L			20	100	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-145C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(50)	30	N(200)	100
2	177	45	30	N	20	15	L	-	-		10	N	500	-	-	200		20		300
3	78	46	50	N	50	20	L	-	-		20	N	500	-	-	300		50		1000
4	79	47	20	N	L(10)	7	10	-	-		5	N	300	-	-	100		10		150
5	80	48	30	L(5)	20	10	10	-	-		7	N	300	-	-	150		15		200
6	81	49	30	N	15	10	15	-	-		20	N	500	-	-	300		30		300
7	82	50	20	N	10	30	L	-	-		20	N	500	-	-	300		30		200
8	83	51	70	N	30	20	L	-	-		20	N	500	-	-	300		70		300
9	84	52	70	N	15	30	L	-	-		20	N	500	-	-	300		50		200
10	85	53	50	N	15	30	15	-	-		15	N	300	-	-	200		30		300
11	86	54	30	N	10	30	30	-	-		15	L(10)	300	-	-	200		20		300
12	87	55	70	N	10	70	L	-	-		30	N	500	-	-	500		50		300
13	88	56	20	N	10	15	30	-	-		15	30	500	-	-	200		15		200
14	89	57	30	N	30	20	N	-	-		20	N	500	-	-	300		30		500
15	90	58	L(20)	N	N	50	200	-	-		20	300	500	-	-	500		30		200
16	91	59	L	N	N	15	20	-	-		15	N	300	-	-	200		15		150
17	92	60	70	N	30	20	10	-	-		20	N	700	-	-	300		30		1000
18	93	61	50	N	30	50	10	-	-		20	N	500	-	-	300		30		200
19	94	62	20	N	N	50	N	-	-		15	N	500	-	-	200		15		150
20	95	63	50	N	10	50	N	-	-		50	N	500	-	-	700		50		300
21	96	64	50	N	10	50	10	-	-		30	N	500	-	-	700		50		700
22	97	65	50	N	10	70	L	-	-		[illegible]	N	500	-	-	700	<	50		1000
23	98	66	N	N	N	20	15	-	-	↓	20	N	700	-	-	300	↓	20	↓	150
24								-	-					-	-					

ASHAGUD

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

FILE NO 2-146C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIIF	W-1	N(20)	N(5)	N(10)	70	N(10)	-	-	N(600)	50	N(10)	200	-	-	500	N(50)	20	N(200)	150
2	199	67	N		N	20	10	-	-		20		200	-	-	300		20		150
3	200	68	N		N	20	10	-	-		20		300	-	-	300		20		150
4	201	69	N		N	20	L(10)	-	-		20		300	-	-	300		15		150
5	202	70	N		N	20	10	-	-		15		300	-	-	300		20		150
6	203	71	L(20)		N	30	L	-	-		20		300	-	-	300		20		150
7	204	72	L		N	20	10	-	-		15		300	-	-	300		20		150
8	205	73	20		N	20	10	-	-		20		300	-	-	300		20		150
9	206	74	L		N	20	L	-	-		20		500	-	-	300		20		100
10	207	75	N		N	20	10	-	-		20		300	-	-	200		15		150
11	208	76	N		N	20	10	-	-		20		300	-	-	300		20		150
12	209	77	N		N	20	10	-	-		20		200	-	-	300		20		150
13	210	78	N		N	15	L	-	-		15		300	-	-	200		20		150
14	211	79	N		N	15	10	-	-		20		300	-	-	500		20		150
15	212	82	N		N	20	20	-	-		20		300	-	-	500		20		150
16	213	83	N		N	20	15	-	-		20		300	-	-	500		20		100
17	214	84	N		N	20	15	-	-		20		300	-	-	300		20		150
18	215	85	N		N	20	20	-	-		20		900	-	-	300		20		150
19	216	86	50		20	30	N	-	-		20		300	-	-	300		30		300
20	217	87	300		50	15	L	-	-		15		300	-	-	150		100		1000
21	218	88	50		N	30	15	-	-		20		300	-	-	300		20		200
22	219	89	50		15	30	L	-	-		20		300	-	-	300		30		200
23	220	90	50	↓	15	30	N	-	-	↓	30	↓	300	-	-	300	↓	30	↓	700
24								-	-					-	-					

ASHLAND

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

Bowen

1st Partial

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-147C 6 Step D. C. Arc REQUESTED BY R. BOWIEN DATE 1/18/67

REPORT NO HM-1006 ASHLAND QUAD. Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	5	.5	1500	N(.5)	N(200)	N(10)	L(10)	150	N(1)	N(10)	N(20)	50	150	100
2	AIF-221	91	3	2	2	.3	1000				15	500	1			20	100	20
3	22	92	1.5	.5	.7	.1	500				L	500	2			L(5)	L(5)	5
4	23	93	2	.7	.7	.2	700				L	500	1.5			5	15	7
5	24	94	2	1	1	.2	700				L	500	2			7	20	L(5)
6	25	95	3	1	1	.3	1000				L	500	1.5			7	20	5
7	26	96	5	2	1.5	.5	1500				15	300	L(1)			20	50	50
8	27	97	1	.3	.3	.1	700				L	300	1.5			5	5	L
9	28	98	1.5	.7	.7	.15	1000				L	500	2			5	5	5
10	29	99	2	.3	.7	.15	1000				L	300	2			5	L	L
11	30	100	5	1	1.5	.5	1500				L	200	L			20	50	50
12	31	101	2	.3	.7	.2	700				L	100	L			7	20	30
13	32	102	5	1	1.5	.3	1500				20	200	L			20	100	50
14	33	103	5	1.5	1.5	.5	1500				10	300	L			20	70	50
15	34	104	5	1	1.5	.5	1500				L	200	L			20	70	50
16	35	105	3	1	1.5	.5	1500				L	200	L			15	50	50
17	36	106	5	1.5	1.5	.5	1500				L	200	N			20	100	30
18	37	107	5	1	1.5	.5	1500				L	300	L			20	50	50
19	38	108	3	1	1.5	.5	2000				L	200	L			30	50	70
20	39	109	5	1	1.5	.7	1500				L	200	1			15	30	50
21	40	110	7	1.5	1.5	1	1500				L	300	N			20	70	70
22	41	111	5	1	1.5	.7	2000				L	200	L			30	30	70
23	42	BOONE MTN. 1A	3	1	1	.5	700	↓	↓	↓	10	200	1	↓	↓	10	150	10
24																		

REMARKS. Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-147C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIIF	W-1	N(20)	N(5)	N(10)	70	N(10)	-	-	N(100)	30	N(10)	200	-	-	300	N(50)	20	N(200)	100
2	221	91	30		10	30	L(10)	-	-		20		300	-	-	200		30		200
3	22	92	N		L(10)	5	L	-	-		L(5)		300	-	-	15		L(10)		100
4	23	93	30		10	10	15	-	-		5		200	-	-	70		15		150
5	24	94	30		10	10	10	-	-		5		300	-	-	100		15		150
6	25	95	30		20	10	L	-	-		5		300	-	-	150		20		200
7	26	96	N		N	15	10	-	-		20		300	-	-	200		20		150
8	27	97	70		L	5	10	-	-		L		300	-	-	10		30		150
9	28	98	70		10	5	10	-	-		L		300	-	-	20		20		150
10	29	99	20		L	5	10	-	-		L		300	-	-	10		L		150
11	30	100	N		N	15	10	-	-		15		300	-	-	200		15		150
12	31	101	N		N	7	30	-	-		10		100	-	-	200		15		70
13	32	102	N		N	20	10	-	-		15		300	-	-	200		20		150
14	33	103	N		N	20	10	-	-		20		300	-	-	300		20		100
15	34	104	N		N	20	L	-	-		15		300	-	-	300		15		100
16	35	105	N		N	15	10	-	-		20		300	-	-	300		20		150
17	36	106	N		N	20	10	-	-		20		300	-	-	300		15		70
18	37	107	N		N	20	10	-	-		20		300	-	-	300		20		100
19	38	108	N		N	30	10	-	-		15		300	-	-	300		20		100
20	39	109	N		N	15	15	-	-		15		300	-	-	300		20		100
21	40	110	N		N	20	L	-	-		20		300	-	-	700		20		100
22	41	111	N		N	15	10	-	-		15		200	-	-	300		20		150
23	42	BOONE MTN	30	↓	N	30	15	-	-	↓	10	↓	300	-	-	150	↓	15	↓	150
24								-	-					-	-					

ASHLAND

REMARKS. G=Greater than 10%, or greater than value shown
H- Interference
- Not looked for.

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*-Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-148C 6 Step D. C. Arc REQUESTED BY R. BOWIEN DATE 1/18/68

REPORT NO. HM-1006 BONE MTN. Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	VA-1	7	3	5	.5	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	150	150
2	AIF-243	2A	3	1	.7	.3	1000				20	200	1.5			15	150	20
3	44	3A	3	1	.7	.3	700				10	500	1			10	100	30
4	45	4A	5	1	.7	.5	700				15	300	1			15	100	30
5	46	5A	5	1	.7	.7	1000				10	300	1			15	500	30
6	47	6A	3	1	.7	.5	1000				L(10)	300	1			10	150	10
7	48	7A	2	1	.5	.2	700				L	300	1.5			15	100	20
8	49	8A	2	.7	.5	.2	700				10	300	1.5			5	100	10
9	50	9A	2	1	.7	.2	700				10	300	1			7	50	7
10	51	10A	2	.7	.7	.15	500				L	300	1			7	70	7
11	52	11A	2	.7	.5	.2	500				10	300	1			10	50	7
12	53	12A	3	1	.5	.3	700				20	300	1.5			10	70	30
13	54	13A	3	1	.7	.3	700				20	300	1			10	200	20
14	55	14A	3	.7	.7	.3	1500				30	300	1			10	150	30
15	56	15A	2	.7	.5	.3	700				20	300	1.5			10	70	20
16	57	16A	5	1	.7	.3	1500				20	200	L(1)			15	70	70
17	58	17A	5	1.5	.7	.5	1500				20	300	L			15	150	70
18	59	18A	5	1.5	1.5	.5	1500				20	200	L			15	150	50
19	60	19A	3	1	.3	.3	500				30	300	1			20	200	30
20	61	20A	2	1	.15	.3	500				20	300	L			10	200	30
21	62	21A	2	.7	.5	.3	700				20	300	L			15	200	30
22	63	22A	3	1.5	.5	.3	700				30	300	L			20	100	50
23	64	23A	3	1	.7	.3	700				30	300	L			20	300	200
24																		

BONE MTN

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2-48C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	ATH	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	30	N(10)	150	-	-	500	N(50)	20	N(200)	100
2	243	2A	20		N	50	15	-	-		10		200	-	-	150		15		150
3	44	3A	30		N	20	15	-	-		15		300	-	-	150		15		150
4	45	4A	20		N	20	15	-	-		15		200	-	-	200		15		150
5	46	5A	20		N	20	15	-	-		15		200	-	-	200		15		200
6	47	6A	20		N	20	10	-	-		15		300	-	-	150		15		200
7	48	7A	20		N	30	10	-	-		10		200	-	-	100		15		150
8	49	8A	30		10	15	10	-	-		7		200	-	-	100		15		200
9	50	9A	20		15	20	10	-	-		10		300	-	-	100		15		150
10	51	10A	L(20)		N	20	10	-	-		7		300	-	-	100		10		150
11	52	11A	20		N	20	10	-	-		7		200	-	-	100		20		200
12	53	12A	20		L(10)	30	20	-	-		7		200	-	-	100		15		200
13	54	13A	30		L	30	20	-	-		7		300	-	-	150		20		300
14	55	14A	70		L	20	20	-	-		10		200	-	-	100		20		200
15	56	15A	20		N	20	20	-	-		10		200	-	-	100		20		150
16	57	16A	N		N	30	L	-	-		20		100	-	-	200		20		100
17	58	17A	N		N	30	10	-	-		20		100	-	-	200		20		100
18	59	18A	N		N	30	L	-	-		20		100	-	-	200		15		100
19	60	KA	20		N	30	20	-	-		15		100	-	-	150		30		200
20	61	20A	L		N	30	10	-	-		10		100	-	-	150		15		200
21	62	21A	N		N	30	L	-	-		15		100	-	-	150		15		200
22	63	22A	L		N	30	20	-	-		20		100	-	-	200		15		150
23	64	23A	N	↓	N	30	30	-	-	↓	20	↓	100	-	-	200	↓	15	↓	100
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-149C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/19/67

REPORT NO. HM-1006 — BONE MTN. — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	7	.5	1500	N(.5)	N(20)	N(1)	10	100	N(1)	N(10)	N(20)	50	150	150
2	HF-265	24M	3	1	.5	.3	1000				50	300	1.5			15	300	70
3	66	25M	5	1	.2	.3	1500				70	500	1.5			20	150	70
4	67	26M	5	1	.2	.3	1500				50	500	1.5			15	100	70
5	68	27M	3	5	.3	.3	1000				50	300	1			20	500	70
6	69	28M	5	5	5	.2	1500				15	150	N			20	500	70
7	70	29M	3	1	.5	.3	700				15	300	L(1)			15	300	50
8	71	30M	2	.7	.2	.3	500				20	300	L			10	300	30
9	72	31M	3	.7	.5	.3	700				20	300	1			15	150	50
10	73	32M	3	1	.15	.3	700				30	300	1			15	200	70
11	74	33M	3	2	1	.3	1000				30	300	L			20	300	100
12	75	34M	2	1	.7	.3	700				15	500	2			10	70	30
13	76	35M	3	1	.5	.3	1000				30	300	1			20	150	50
14	77	36M	3	1	.5	.3	700				20	300	2			20	100	30
15	78	37M	2	1	.5	.3	700				30	500	2			15	150	30
16	79	38M	2	.7	.7	.2	500				10	500	2			10	70	10
17	80	39M	2	.7	.5	.3	700				10	300	2			10	70	20
18	81	40M	3	1	1	.3	700				50	500	1.5			15	150	30
19	82	41M	2	1	.7	.3	700				30	500	2			15	70	30
20	83	42M	3	.7	.5	.3	700				10	500	2			15	50	20
21	84	43M	3	1	.3	.3	700				30	300	L			20	300	30
22	85	44M	3	1.5	.7	.3	1000				20	300	L			30	300	50
23	86	45M	3	1	.7	.3	700				20	300	L			15	200	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-149 C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	30	N(10)	200	-	-	500	N(50)	20	N(200)	100
2	965	24M	20		N	50	30	-	-		15		150	-	-	200		20	N	200
3	66	25M	20		N	70	20	-	-		15		N(100)	-	-	200		20	N	150
4	67	26M	L(20)		N	50	20	-	-		15		N	-	-	200		20	L(200)	150
5	68	27M	N		N	300	20	-	-		15		N	-	-	200		15	N	150
6	69	28M	N		N	100	10	-	-		30		200	-	-	300		10	N	70
7	70	29M	L		N	50	10	-	-		15		L(100)	-	-	200		15	N	150
8	71	30M	N		N	30	L(10)	-	-		7		100	-	-	150		10	N	200
9	72	31M	20		N	50	15	-	-		10		200	-	-	150		15	N	200
10	73	32M	L		N	70	15	-	-		10		L	-	-	150		15	N	150
11	74	33M	L		N	100	20	-	-		20		100	-	-	300		15	N	100
12	75	34M	20		N	20	20	-	-		7		200	-	-	100		10	N	150
13	76	35M	20		N	70	30	-	-		10		150	-	-	150		15	N	150
14	77	36M	20		L(10)	50	20	-	-		15		200	-	-	150		20	N	150
15	78	37M	30		N	20	30	-	-		7		200	-	-	100		20	N	500
16	79	38M	L		N	15	10	-	-		7		300	-	-	100		20	N	200
17	80	39M	30		N	15	30	-	-		10		200	-	-	100		15	N	200
18	81	40M	20		N	20	10	-	-		15		200	-	-	150		15	N	150
19	82	41M	30		10	20	30	-	-		10		300	-	-	100		20	N	300
20	83	42M	20		N	20	20	-	-		10		300	-	-	100		15	N	200
21	84	43M	20		L(10)	70	10	-	-		15		100	-	-	150		15	N	300
22	85	44M	L		N	100	20	-	-		15		150	-	-	200		20	N	150
23	86	45M	L		N	70	L	-	-		15		150	-	-	150		15	N	200
24								-	-					-	-					

BOVE MTN

REMARKS: G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-150C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/18/68

REPORT NO HM-1506 — BONE MTN. — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	HI-1	7	3	7	.5	1500	N(.5)	N(500)	N(10)	L(20)	100	N(1)	N(10)	N(20)	30	150	150
2	AIF-287	46M	5	1	.7	.5	1000				20	300	L(1)			15	300	30
3	288	47M	5	1.5	1	.5	1500				20	200	L			20	1500	70
4	289	48M	5	1.5	.2	.5	1500				70	500	1			20	70	50
5	290	49M	5	1.5	.15	.5	1000				70	300	1.5			20	100	100
6	291	51	3	1	.5	.5	700				30	300	1			20	150	30
7	292	52	5	1	.5	.5	700				30	300	1.5			20	150	50
8	293	53	3	1	.7	.3	700				20	300	1.5			15	100	30
9	294	54	3	1.5	.7	.3	700				20	500	2			15	70	30
10	295	55	3	1.5	.7	.3	1000				30	300	2			20	300	30
11	296	BUTTE FALLS	5	2	1	.5	1500				2	200	2			30	500	100
12	297	2	5	.5	.3	.5	1500				2	200	1			20	150	100
13	298	3	3	.5	.5	.5	1500				2	200	1			20	100	50
14	299	4	7	1	.7	.7	200				2	200	2			30	300	100
15	300	5	5	.7	.5	.5	200				2	200	1			30	200	70
16	301	6	1	.2	.5	.3	500				2	70	N			5	100	20
17	302	7	5	1	.7	.5	1000				2	100	2			30	500	50
18	303	8	5	1	.7	.5	1500				2	200	2			30	200	100
19	304	9	5	.5	.2	.5	1000				2	200	2			30	200	100
20	305	10	5	.5	.5	.5	1000				2	200	2			15	100	70
21	306	11	3	.7	.5	.5	1500				2	200	2			20	200	70
22	307	12	3	.2	.5	.5	1000				2	200	1			15	150	70
23	308	13	7	.7	.7	.7	1000	↓	↓	↓	2	200	1	↓	↓	15	200	100
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2 150C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	BUTTE FALLS #1	N(20)	N(5)	N(10)	70	N(10)	-	-	N(100)	30	N(10)	200	-	-	500	N(50)	20	N(200)	150
2	287	46M	L(20)		N	50	L(10)	-	-		10		200	-	-	150		10	N	150
3	288	47M	L		N	150	20	-	-		15		200	-	-	200		15	N	150
4	289	48M	L		N	30	10	-	-		15		150	-	-	200		15	N	150
5	290	49M	20		N	50	30	-	-		20		L(100)	-	-	200		20	L(200)	150
6	291	51	L		N	70	10	-	-		15		150	-	-	150		15	N	200
7	292	52	L		N	50	10	-	-		15		200	-	-	150		15	N	150
8	293	53	L		N	50	10	-	-		10		200	-	-	100		15	N	150
9	294	54	20		L(10)	30	20	-	-		10		300	-	-	100		15	N	150
10	295	55	N		N	70	L	-	-		15		100	-	-	150		15	N	150
11	296	BUTTE FALLS	N		N	70	10	-	-		20		150	-	-	200		15	N	150
12	297	2	N		N	50	10	-	-		15		100	-	-	200		20	N	100
13	298	3	N		N	50	10	-	-		15		100	-	-	200		30	N	100
14	299	4	N		N	70	10	-	-		30		100	-	-	300		30	N	150
15	300	5	N		N	50	10	-	-		20		L	-	-	200		30	N	150
16	301	6	N		N	15	10	-	-		7		N(100)	-	-	150		L(10)	N	30
17	302	7	N		N	70	L	-	-		20		200	-	-	300		10	N	100
18	303	8	N		N	50	10	-	-		20		200	-	-	200		20	N	100
19	304	9	N		N	50	10	-	-		20		N	-	-	200		10	N	150
20	305	10	N		N	50	10	-	-		20		150	-	-	200		20	N	100
21	306	11	N		N	50	10	-	-		20		N	-	-	200		20	N	100
22	307	12	N		N	50	10	-	-		15		N	-	-	150		15	N	100
23	308	13	N		N	70	10	-	-		20		L	-	-	300		15	N	100
24		14						-	-					-	-					

BONE MTN

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-151C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/19/68

REPORT NO HM-1006 — BUTTE FALLS — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	5	.5	1500	N(.5)	N(500)	N(10)	L(10)	100	N(1)	N(70)	N(20)	30	150	100
	IF-304	14	3	.5	.5	.5	1500	N			L	200	1.5			20	150	50
3	10	15	2	.3	.5	.3	1000	N			L	150	1			15	150	50
4	11	16	5	.7	.5	.5	1500	N			L	200	1.5			30	200	70
5	12	17	3	.7	.3	.5	1500	N			L	200	2			20	200	70
6	13	18	3	.7	.5	.7	700	N			L	300	7			15	150	100
7	14	19	3	.3	.5	.5	1500	N			L	300	3			10	70	100
8	15	20	3	.5	.5	.5	1500	N			L	300	3			15	70	70
9	16	21	5	1	.7	.7	1500	N			L	300	1			20	150	70
10	17	22	5	.7	.5	.7	1000	N			L	300	2			15	200	70
11	18	23	5	1	1.5	.5	1500	N			10	300	L(1)			30	200	50
12	19	24	5	1	1.5	.5	1500	N			10	300	L			20	150	70
13	20	25	3	.5	.5	.7	1500	N			L	150	L			20	150	50
14	21	26	5	1	1.5	1	1500	N			L	200	N			20	300	50
15	22	27	5	1	1	.5	1500	N			10	300	1			15	150	70
16	23	28	3	1.5	2	.5	1500	N			10	300	L			15	200	30
17	24	29	5	1	1.5	.7	1500	N			20	300	L			20	100	50
18	25	30	3	.7	1	.5	1500	N			20	300	1			10	30	50
19	26	31	5	.7	.7	.7	1500	N			20	300	1			20	70	70
20	27	32	3	1	1.5	.5	1500	N			10	300	1			20	150	50
21	28	33	5	2	2	1	1500	N			15	300	L			30	300	50
22	29	34	5	1	1.5	.7	1500	L(.5)			30	300	1			20	150	50
23	30	35	3	.7	1.5	.5	1000	N			20	300	1			10	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2-151C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	70	N(10)	-	-	N(100)	30	N(10)	200	-	-	500	N(50)	20	N(200)	100
2	309	14	N			50	15	-	-		20		100	-	-	200		15	N	100
3	10	15	"			50	15	-	-		10		N(100)	-	-	200		10	N	50
4	11	16	L(20)			70	20	-	-		20		L(100)	-	-	300		15	N	150
5	12	17	L(20)			70	20	-	-		20		N	-	-	500		20	N	150
6	13	18	20			30	30	-	-		15		100	-	-	200		30	N	150
7	14	19	L			30	30	-	-		10		100	-	-	200		20	N	150
8	15	20	L			30	30	-	-		15		100	-	-	200		20	N	150
9	16	21	N			70	20	-	-		20		100	-	-	300		20	N	150
10	17	22	L			50	20	-	-		15		100	-	-	300		20	N	150
11	18	23	L			50	20	-	-		20		300	-	-	300		20	N	150
12	19	24	L			70	15	-	-		20		200	-	-	300		20	N	150
13	20	25	N			50	10	-	-		20		L	-	-	300		20	N	150
14	21	26	N			50	10	-	-		30		300	-	-	300		20	N	150
15	22	27	L			50	15	-	-		15		300	-	-	200		20	N	150
16	23	28	N			20	10	-	-		30		300	-	-	200		15	N	150
17	24	29	N			20	10	-	-		30		300	-	-	700		30	L(200)	200
18	25	30	N			10	15	-	-		15		200	-	-	200		20	N	150
19	26	31	N			20	20	-	-		20		100	-	-	700		20	N	150
20	27	32	N			50	10	-	-		20		300	-	-	200		20	N	150
21	28	33	N			70	L(10)	-	-		50		300	-	-	500		30	N	150
22	29	34	N			30	15	-	-		30		300	-	-	300		20	N	150
23	30	35	N			10	20	-	-		15		300	-	-	150		15	N	150
24								-	-					-	-					

BUTTE FALLS

REMARKS: G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-152 C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/19/68

REPORT NO HM-1006 BUTTE FALLS Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	M1-1	7	3	5	.5	1500	N(.5)	N(200)	N(10)	L(N)	100	N(1)	N(10)	N(20)	30	100	100
2	AIF-331	36	3	.7	1	.5	1500				15	300	1			10	30	50
3	32	37	7	1	2	.5	1500				L	200	N			30	50	70
4	33	38	7	1	1.5	.7	1500				L	200	N			30	100	100
5	34	39	5	.7	1	.5	1500				L	150	L(1)			20	30	100
6	35	40	3	1	1.5	.3	1500				10	200	L			20	30	50
7	36	41	3	.7	1.5	.5	1000				L	100	L			15	30	50
8	37	42	3	.5	1	.3	1000				L	150	L			15	20	70
9	38	43	3	.7	1.5	.5	1500				10	150	L			15	20	70
10	39	44	3	.5	.7	.5	1000				L	300	1.5			15	70	50
11	40	45	3	.7	1.5	.5	1500				15	200	L			20	15	70
12	41	46	3	.2	.2	.5	1500				L	300	2			20	70	50
13	42	47	2	.3	.3	.3	1000				L	300	2			15	70	50
14	43	48	5	.5	.2	.5	1500				L	300	2			20	100	50
15	44	49	5	.7	.3	.5	1500				L	300	2			20	150	50
16	45	50	3	.3	.2	.3	700				L	300	2			15	100	50
17	46	51	3	.5	.2	.5	1000				L	300	2			20	150	70
18	47	52	5	.7	.5	1	1000				L	300	2			30	200	70
19	48	53	5	.7	.5	.5	1500				L	300	2			20	200	70
20	49	54	3	.7	.7	.3	700				10	300	1.5			10	70	30
21	50	55	2	.5	1	.5	1500				15	300	1			10	15	20
22	51	56	3	1	1.5	.5	1500				15	300	L			20	50	30
23	52	57	3	.7	1	.5	2000	↓	↓	↓	15	300	L	↓	↓	15	30	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2-152e ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	50	L(10)	-	-	N(100)	30	N(10)	150	-	-	300	N(50)	20	N(200)	100
2	331	36	L(20)			10	20	-	-		20		300	-	-	150		20	N	150
3	32	37	N			30	10	-	-		50		300	-	-	200		20	N	100
4	33	38	N			30	10	-	-		20		300	-	-	500		20	L(200)	100
5	34	39	N			20	10	-	-		20		300	-	-	300		20	N	100
6	35	40	N			15	10	-	-		15		300	-	-	200		20	N	70
7	36	41	N			15	10	-	-		15		200	-	-	200		15	N	70
8	37	42	N			15	10	-	-		15		200	-	-	200		15	N	100
9	38	43	N			15	10	-	-		15		200	-	-	200		20	N	100
10	39	44	L			30	15	-	-		15		200	-	-	200		20	N	150
11	40	45	N			15	10	-	-		15		300	-	-	200		20	N	70
12	41	46	20			30	20	-	-		15		150	-	-	300		30	N	150
13	42	47	L			30	20	-	-		15		200	-	-	200		20	N	150
14	43	48	20			30	20	-	-		20		150	-	-	300		30	L(200)	150
15	44	49	20			50	20	-	-		20		150	-	-	300		20	L	100
16	45	50	L			30	20	-	-		15		L(100)	-	-	200		20	L	100
17	46	51	20			30	20	-	-		20		100	-	-	200		20	L	150
18	47	52	20			50	20	-	-		20		200	-	-	500		30	L	150
19	48	53	20			50	20	-	-		20		150	-	-	300		20	L	150
20	49	54	L			30	20	-	-		15		300	-	-	150		15	N	150
21	50	55	N			5	10	-	-		15		300	-	-	100		20	N	150
22	51	56	N			10	10	-	-		15		300	-	-	200		20	N	150
23	52	57	N	↓	↓	10	30	-	-	↓	15	↓	200	-	-	150	↓	20	N	150
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-153 C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/23/62

REPORT NO. HM-1006 BUTTE FALLS Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////	W-1	7	3	7	.5	1500	N(.5)	N(200)	N(10)	10	150	N(1)	N(10)	N(20)	50	200	150
2	AIF-353	58	5	1	1.5	1	3000				10	300	L(1)			20	100	70
3	54	59	5	1	1.5	.5	1500				10	300	L			20	70	70
4	55	60	7	1	1.5	.7	2000				15	300	L			20	70	50
5	56	61	5	1	1	.5	1500				10	300	L			20	100	50
6	57	62	7	1	1.5	.5	1500				10	300	L			30	70	70
7	58	63	3	.7	1	.5	1500				20	300	L			10	70	30
8	59	64	3	.7	.3	.7	1500				10	300	L			15	30	50
9	60	65	5	.7	.7	.7	1500				15	300	L			20	100	50
10	61	66	5	.7	.7	.7	1500				20	300	L			15	70	50
11	62	67	5	1	2	.5	1500				L(10)	200	L			20	70	70
12	63	68	3	.5	1	.5	1500				10	300	L			15	70	30
13	64	69	5	1.5	1.5	.5	1500				L	300	L			20	100	30
14	65	70	5	1	1.5	.7	1500				10	300	L			15	100	50
15	66	71	5	1	2	.7	2000				10	300	L			20	70	50
16	67	72	3	1	2	.5	1500				15	300	L			20	70	70
17	68	73	10	1	1.5	1	2000				10	300	N			20	70	70
18	69	74	7	1	2	.5	2000				10	300	L			30	50	100
19	70	75	7	1	2	.7	2000				10	300	L			20	70	100
20	71	76	5	1	1.5	.5	1000				10	300	L			15	70	50
21	72	77	5	.7	2	.5	1500				15	300	L			20	50	30
22	73	78	5	.7	2	.5	1500				10	300	L			15	50	30
23	74	79	5	.5	.7	.5	1500				20	300	L			10	70	20
24	75	80	7	1	3	.5	2000				L	300	L			20	50	70

BUTTE FALLS

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2-153C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W1-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	150	-	-	300	N(50)	20	N(200)	100
2	353	58				15	30	-	-		20		300	-	-	300		20	N	100
3	54	59				20	20	-	-		20		300	-	-	200		20	N	100
4	55	60				15	15	-	-		30		300	-	-	300		20	L(200)	150
5	56	61				15	10	-	-		20		300	-	-	200		20	N	100
6	57	62				15	10	-	-		20		300	-	-	300		20	N	100
7	58	63				10	15	-	-		20		200	-	-	200		15	N	150
8	59	64				7	20	-	-		20		100	-	-	150		20	N	200
9	60	65				15	15	-	-		30		200	-	-	300		20	N	150
10	61	66				15	30	-	-		20		200	-	-	300		20	L	150
11	62	67				20	10	-	-		20		500	-	-	300		15	N	70
12	63	68				15	15	-	-		30		200	-	-	200		20	N	150
13	64	69				20	10	-	-		20		300	-	-	300		15	N	150
14	65	70				20	10	-	-		30		200	-	-	300		20	N	150
15	66	71				15	30	-	-		30		300	-	-	300		20	N	100
16	67	72				20	15	-	-		20		300	-	-	200		30	N	100
17	68	73				20	20	-	-		20		300	-	-	500		30	200	150
18	69	74				20	15	-	-		30		200	-	-	300		20	N	150
19	70	75				20	10	-	-		30		300	-	-	300		20	L	100
20	71	76				30	10	-	-		20		500	-	-	200		20	N	150
21	72	77				15	10	-	-		20		500	-	-	150		20	N	150
22	73	78				15	15	-	-		15		500	-	-	200		15	N	150
23	74	79				15	20	-	-		20		150	-	-	150		20	N	200
24	75	80				15	15	-	-		20		500	-	-	300		20	N	100

BUTTE FALLS

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO 2-154C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/22/68

REPORT NO HM-1006 BUTTE FALLS — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	5	.5	1500	N(.5)	N(200)	N(10)	L(10)	100	N(1)	N(10)	N(20)	30	100	100
2	AEC-376	81	5	1	1.5	.7	1500	N			15	300	L(1)			15	150	30
3	77	82	5	1	2	.7	1500	N			15	300	L			15	50	20
4	78	83	5	1	1.5	.5	1500	N			30	300	L			30	150	50
5	79	84	3	.7	1.5	.5	1500	N			L	200	L			15	150	50
6	80	85	5	1	1.5	.5	1500	N			L	200	L			20	200	50
7	81	86	5	1	.7	.3	1000	N			20	200	L			15	70	50
8	82	87	3	.5	.15	.5	1500	N			L	300	2			20	100	70
9	83	88	3	.3	.1	.5	1500	N			L	300	3			20	150	50
10	84	89	3	.5	.15	.5	1500	N			L	300	2			15	150	50
11	85	90	3	.3	.15	.5	1000	N			L	300	3			15	100	70
12	86	91	5	.7	.2	.7	1500	N			L	300	1.5			20	150	70
13	87	92	7	1	.3	.7	1500	N			L	300	2			20	100	100
14	88	93	5	.5	.15	.5	1000	N			L	300	2			15	70	70
15	89	94	3	.2	.2	.3	1000	N			L	300	3			15	70	50
16	90	95	5	.7	.2	.5	1500	N			L	300	2			20	150	50
17	91	96	3	.3	.3	.3	1500	N			L	300	1.5			10	70	50
18	92	97	3	.7	.5	.5	1500	N			L	300	2			20	150	50
19	93	98	5	.5	.2	.5	1500	N			L	300	2			20	150	100
20	94	CANYONVILLE	5	1	1	.3	1000	N			20	150	N			15	200	50
21	95	2	5	1	1.5	.3	1000	N			10	100	N			20	500	50
22	96	3	7	3	2	.3	1500	N			15	100	N			30	3000	70
23	97	4	3	.7	.5	.2	1000	L(.5)	↓	↓	30	300	L	↓	↓	7	100	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2154C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIP	W-1	N(20)	N(5)	N(15)	70	L(10)	-	-	N(100)	30	N(10)	200	-	-	300	N(50)	20	N(200)	100
2	376	81	N		N	30	20	-	-		15		300	-	-	150		15	N	100
	77	82	N		N	15	10	-	-		20		300	-	-	200		15	N	100
4	78	83	N		N	50	20	-	-		20		300	-	-	200		30	N	150
5	79	84	N		N	30	15	-	-		15		300	-	-	150		15	N	100
6	80	85	N		N	50	10	-	-		20		300	-	-	300		20	N	100
7	81	86	N		N	20	10	-	-		15		200	-	-	200		15	N	100
8	82	87	L(20)		N	50	30	-	-		15		L(100)	-	-	300		30	N	150
9	83	88	L		L(10)	30	20	-	-		15		N(100)	-	-	300		50	N	200
10	84	89	L		N	30	20	-	-		15		L	-	-	200		30	N	150
11	85	90	20		N	30	20	-	-		15		L	-	-	200		30	N	150
12	86	91	20		L	30	20	-	-		20		100	-	-	300		30	L(200)	200
13	87	92	20		N	30	20	-	-		15		150	-	-	300		50	L	150
14	88	93	20		N	20	20	-	-		20		L	-	-	300		50	N	200
15	89	94	L		N	20	20	-	-		15		150	-	-	200		30	N	150
16	90	95	L		L	30	20	-	-		20		150	-	-	300		20	N	200
17	91	96	L		N	20	20	-	-		15		100	-	-	150		20	N	150
18	92	97	L		N	30	20	-	-		15		200	-	-	300		20	N	200
19	93	98	20		N	20	20	-	-		15		L	-	-	300		20	N	150
20	94	CANYONVILLE	N		N	70	10	-	-		20		L	-	-	300		15	N	70
21	95	2	N		N	150	10	-	-		20		150	-	-	500		15	N	70
22	96	3	N		N	200	10	-	-		20		150	-	-	500		15	L	70
23	97	4	N	↓	N	50	20	-	-	↓	10	↓	L	-	-	200	↓	15	N	500
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.
N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO 2-155C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/22/68

REPORT NO HM-1006 CANYONVILLE Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	4444	7	3	3	.5	1500	N(.5)	N(20)	N(10)	L(10)	100	N(1)	N(10)	N(20)	30	100	100
2	ATF-398	5	3	2	1	.3	1000				10	150	N			30	500	50
3	399	6	3	1.5	1.5	.3	1000				20	200	L(1)			20	1000	30
4	400	7	2	.7	.2	.3	700				20	300	L			10	100	20
5	401	8	3	2	1	.2	1000				20	150	L			30	2000	50
6	402	9	3	1.5	.7	.2	1000				30	300	L			20	1500	50
7	403	10	3	2	.2	.15	700				20	300	L			20	500	30
8	404	11	3	.7	.2	.3	700				50	300	1			15	100	50
9	405	12	2	1	.7	.2	700				30	200	1			15	300	30
10	406	13	3	1	.2	.2	700				30	300	1			15	100	30
11	407	14	2	.7	.2	.3	700				30	300	1			10	150	30
12	408	15	2	.7	.3	.2	700				30	300	L			10	100	30
13	409	16	2	1	.3	.2	700				30	300	L			20	150	30
14	410	17	3	2	.7	.3	1000				30	300	L			20	200	50
15	411	18	2	2	.5	.1	700				10	200	L			20	300	30
16	412	19	2	1	.5	.2	700				20	200	L			10	150	30
17	413	20	5	2	1.5	.3	1500				L	150	N			30	300	70
18	414	21	2	.7	.5	.3	700				30	300	L			10	200	50
19	415	22	3	.7	.5	.3	1000				20	300	L			15	500	30
20	416	23	7	5	1	.1	1500				10	100	N			70	G(5000)	30
21	417	24	2	.7	.5	.3	700				20	300	1			10	200	30
22	418	25	3	.7	.3	.3	1000				50	300	1			10	150	30
23	419	26	5	3	1	.3	1500				30	300	L			30	1500	30
24																		

CANYONVILLE

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2-155C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W1-1	N(20)	N(5)	N(10)	50	L(10)	-	-	N(100)	30	N(10)	200	-	-	300	N(50)	20	N(200)	100
2	398	5				150	L	-	-		20		150	-	-	200		15	N	70
	399	6				70	L	-	-		20		150	-	-	200		15	N	70
4	400	7				50	L	-	-		10		N(100)	-	-	150		L(10)	N	100
5	401	8				150	10	-	-		15		200	-	-	300		15	N	70
6	402	9				150	L	-	-		15		100	-	-	200		15	N	150
7	403	10				150	10	-	-		10		L(100)	-	-	100		10	N	70
8	404	11				100	15	-	-		10		100	-	-	150		15	N	200
9	405	12				50	10	-	-		15		100	-	-	150		15	N	150
10	406	13				70	10	-	-		10		L	-	-	150		15	N	150
11	407	14				50	10	-	-		15		L	-	-	200		15	N	150
12	408	15				50	15	-	-		10		150	-	-	150		15	N	150
13	409	16				150	30	-	-		10		L	-	-	200		15	N	150
14	410	17				100	20	-	-		15		200	-	-	200		15	N	150
15	411	18				150	10	-	-		10		L	-	-	100		10	N	100
16	412	19				50	10	-	-		10		L	-	-	150		15	N	100
17	413	20				100	L	-	-		20		150	-	-	300		20	N	100
18	414	21				50	15	-	-		10		L	-	-	150		15	N	150
19	415	22				50	10	-	-		10		100	-	-	200		15	N	150
20	416	23				700	N(10)	-	-		10		L	-	-	500		L	200	30
21	417	24				50	L	-	-		10		100	-	-	150		15	N	150
22	418	25				30	10	-	-		10		100	-	-	150		15	N	150
23	419	26	↓	↓	↓	300	10	-	-	↓	15	↓	100	-	-	200	↓	15	N	150
24								-	-					-	-					

CANADAVILLE

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
- Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-156 C — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 1/22/68

REPORT NO HM-1006 — CANYONVILLE — Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////	W-1	7	3	5	.5	1000	N(.5)	N(200)	N(0)	L(10)	150	N(1)	N(10)	N(20)	30	150	150
2	AIF-420	27	2	1	.2	.5	1500				20	300	L(1)			20	1500	50
3	21	28	5	1	.5	.5	1500				20	300	L			30	1500	50
4	22	29	3	.7	.15	.5	1000				30	300	L			10	150	30
5	23	30	5	1	.15	.3	700				30	300	L			20	500	30
6	24	31	5	1	1.5	.5	1000				10	200	L			15	500	50
7	25	32	5	1	1.5	.5	1000				20	300	L			15	500	30
8	26	33	2	.5	.2	.15	700				20	300	L			7	100	20
9	27	34	3	1	1	.5	1000				15	200	L			10	300	100
10	28	35	3	1	2	.3	1500				15	200	L			10	300	50
11	29	36	3	1	.7	.2	1000				20	300	L			10	100	30
12	30	37	5	1.5	2	.3	1500				20	200	L			15	500	50
13	31	38	3	.5	.3	.3	700				20	300	L			7	70	20
14	32	39	3	1	.7	.3	1000				30	200	L			15	300	30
15	33	40	3	.7	.1	.3	1000				30	300	L			10	70	30
16	34	41	3	.7	.5	.3	700				30	300	L			10	200	30
17	35	42	5	2	1	.5	1000				20	200	L			20	500	300
18	36	43	5	1	1.5	.7	1000				L	150	N			15	70	100
19	37	44	3	.7	.7	.5	1000				10	150	L			15	50	50
20	38	45	5	.7	1	.7	1000				L	100	L			15	15	70
21	39	46	5	.7	.7	.5	1500				L	200	L			15	15	50
22	40	47	5	1	1	.7	1500				10	150	L			15	15	30
23	41	48	5	3	1	.3	1000	↓	↓	↓	L	100	N	↓	↓	20	700	50
24																		

CANYONVILLE

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 2 156C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-		N(50)	20	N(200)	100
2	420	27				100	20	-	-		10		N(100)	-	-			10	N	150
3	21	28				150	15	-	-		15		L(200)	-	-			10	N	150
4	22	29				50	10	-	-		15		L	-	-			15	N	150
5	23	30				300	10	-	-		15		L	-	-			15	N	150
6	24	31				50	L	-	-		20		200	-	-			15	L(200)	150
7	25	32				70	L	-	-		20		200	-	-			15	N	100
8	26	33				20	L	-	-		7		100	-	-			10	N	100
9	27	34				50	15	-	-		20		200	-	-			20	L	150
10	28	35				70	10	-	-		20		200	-	-			20	N	70
11	29	36				50	10	-	-		15		100	-	-			20	N	100
12	30	37				70	15	-	-		20		150	-	-			20	N	70
13	31	38				30	L	-	-		7		100	-	-			L(10)	N	150
14	32	39				70	10	-	-		15		L	-	-			15	N	100
15	33	40				30	10	-	-		10		N	-	-			15	N	150
16	34	41				50	20	-	-		10		L	-	-			10	N	100
17	35	42				100	10	-	-		20		150	-	-			20	700	100
18	36	43				20	10	-	-		20		150	-	-			15	N	150
19	37	44				10	10	-	-		20		100	-	-			15	N	150
20	38	45				15	10	-	-		20		150	-	-			15	N	150
21	39	46				10	10	-	-		20		200	-	-			15	N	150
22	40	47				10	10	-	-		20		200	-	-			15	N	100
23	41	48	↓	↓	↓	100	10	-	-	↓	30	↓	L	-	-		↓	15	N	50
24								-	-					-	-					

CARMACK VILLAGE

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-154C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/23/66

REPORT NO HM-1006 CANYONVILLE Sheet #1

	TAG NO	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	W-1	7	3	5	.5	1500	N(.5)	N(500)	N(1)	L(10)	150	N(1)	N(10)	N(50)	50	150	100
2	HF-442	49	3	1	.5	.3	1000				50	300	1			15	200	50
3	43	52	3	.7	1.5	.3	1000				L	150	L(1)			10	30	30
4	44	53	5	1	1.5	.3	1000				L	150	L			15	15	50
5	45	54	3	.7	2	.3	1500				L	150	L			10	30	50
6	46	55	5	.7	1.5	.3	1500				10	150	L			15	50	70
7	47	56	3	.7	1	.3	1000				10	150	L			10	30	30
8	48	57	5	1	2	.3	1500				L	150	L			20	20	70
9	49	58	5	1	1.5	.3	1500				L	150	L			20	20	70
10	50	59	5	1	.5	.3	1500				L	100	L			20	30	150
11	51	60	5	.7	1.5	.3	1500				10	100	L			15	30	50
12	52	61	3	1	1	.3	1500				L	100	L			10	30	50
13	53	62	5	1	1	.3	1500				L	150	N			20	30	50
14	54	63	5	1	2	.3	1500				L	100	L			15	30	70
15	55	64	5	1	1	.3	1500				L	150	L			20	70	70
16	56	65	3	1	1	.3	1500				L	100	L			15	20	30
17	57	66	3	1	1.5	.3	1500				L	150	L			20	50	50
18	58	67	5	1	2	.3	1500				L	100	N			15	20	100
19	59	68	3	1	1.5	.3	1000				L	100	L			15	15	50
20	60	69	3	1	1	.3	1500				L	150	L			10	20	70
21	61	70	3	.7	1	.3	1500				L	150	L			10	15	50
22	62	71	5	1	1.5	.3	1500				10	150	N			20	30	100
23	63	72	5	1	1.5	.3	1500				10	150	N			15	15	50
24																		

CANYONVILLE

REMARKS Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0 7, 0 5, 0 3, 0 2, 0.15, 0.1, etc.

FILE NO. 2.572 ANALYST JERRY MOTOOKA Sheet #2

	LAB NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(50)	N(5)	N(10)	70	L(10)	-	-	N(100)	50	N(10)	150	-	-	500	N(50)	20	N(200)	100
2	442	49				70	20	-	-		15		100	-	-	150		15		150
3	43	52				15	10	-	-		30		500	-	-	300		20		100
4	44	53				20	10	-	-		30		300	-	-	300		20		70
5	45	54				20	10	-	-		30		300	-	-	200		20		70
6	46	55				30	10	-	-		30		300	-	-	300		15		100
7	47	56				10	20	-	-		30		300	-	-	200		20		70
8	48	57				15	L	-	-		30		700	-	-	500		30		100
9	49	58				15	10	-	-		30		200	-	-	500		20		70
10	50	59				15	15	-	-		20		L(100)	-	-	500		20		100
11	51	60				20	L	-	-		30		200	-	-	300		20		70
12	52	61				10	15	-	-		30		200	-	-	200		15		70
13	53	62				20	10	-	-		30		100	-	-	300		20		100
14	54	63				15	10	-	-		30		300	-	-	300		20		70
15	55	64				20	10	-	-		30		200	-	-	300		20		100
16	56	65				15	L	-	-		30		300	-	-	300		20		70
17	57	66				15	L	-	-		30		300	-	-	500		20		70
18	58	67				15	L	-	-		30		300	-	-	500		20		50
19	59	68				15	L	-	-		20		200	-	-	200		20		100
20	60	69				15	L	-	-		20		150	-	-	200		20		100
21	61	70				10	L	-	-		20		200	-	-	200		20		100
22	62	71				20	L	-	-		30		200	-	-	300		20		70
23	63	72				20	L	-	-		30		150	-	-	200		20		70
24								-	-					-	-					

CANYONVILLE

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- = Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-158C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/23/68

REPORT NO. 412-1006 CANYONVILLE Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////	W-1	7	3	5	.3	1000	N(.5)	N(500)	N(10)	L(10)	100	L(1)	N(10)	N(20)	30	100	70
2	AIF-464	CANYONVILLE 73	3	1	1	.3	1500					150	L			20	20	50
3	65	74	5	1	1.5	.3	1000					150	L			20	20	70
4	66	75	3	1	.7	.3	1500					150	L			20	20	50
5	67	76	3	1	1	.2	1500					150	L			15	30	70
6	68	77	3	.7	.7	.3	1000					150	L			10	30	30
7	69	78	5	1	1	.3	1000					150	N(1)			20	30	50
8	70	79	3	1	.7	.2	1500					100	N			15	30	70
9	71	80	3	1	2	.2	1000					100	N			15	100	50
10	72	81	3	.7	1	.5	1000					100	L			15	150	30
11	73	82	3	.7	1	.5	1000					150	L			15	70	30
12	74	83	3	.7	1	.5	1000					100	L			15	150	50
13	75	84	3	.7	1	.5	1500					150	L			20	50	70
14	76	85	3	.7	.7	.3	1000					150	L			15	30	30
15	77	86	3	.7	1.5	.2	1500					200	L			15	30	30
16	78	87	3	.7	1.5	.3	1000					150	L			15	50	50
17	79	88	3	.7	.7	.3	1500					100	L			20	30	70
18	80	89	3	.7	1.5	.3	1500					150	L			15	20	20
19	81	90	3	.7	1.5	.2	700					150	L			7	20	30
20	82	91	3	.7	1	.2	1000					150	L			10	15	50
21	83	92	3	.7	1	.3	1500					150	L			15	30	70
22	84	93	3	.7	1	.3	1500					150	L			15	30	50
23	85	94	3	.7	.7	.3	1500					150	L			15	70	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 156C ANALYST JERRY MOTOOKA Sheet #2

	LAB NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1 CANYONVILLE	N(20)	N(5)	N(10)	50	N(10)	-		N(100)	30	N(10)	200	-	-	300	N(50)	20	N(200)	100
2	464	73				15	L(10)	-	-		20	N	300	-	-	200		20	N	70
3	65	74				15	L	-	-		20	N	300	-	-	300		20	N	70
4	66	75				15	15	-	-		20	N	200	-	-	200		20	L(200)	70
5	67	76				20	20	-	-		20	N	200	-	-	200		20	N	70
6	68	77				10	15	-	-		20	N	200	-	-	200		20	N	100
7	69	78				15	L	-	-		30	N	200	-	-	300		20	N	100
8	70	79				15	10	-	-		20	N	150	-	-	200		15	L	70
9	71	80				20	10	-	-		30	N	300	-	-	500		20	N	70
10	72	81				10	10	-	-		20	N	150	-	-	300		20	N	150
11	73	82				15	15	-	-		15	N	150	-	-	150		20	N	150
12	74	83				15	10	-	-		20	N	150	-	-	200		20	N	150
13	75	84				20	10	-	-		20	N	100	-	-	200		20	N	150
14	76	85				15	20	-	-		20	N	100	-	-	200		20	N	100
15	77	86				15	10	-	-		20	N	300	-	-	200		30	N	100
16	78	87				20	10	-	-		20	N	150	-	-	300		15	N	70
17	79	88				20	10	-	-		30	N	L(100)	-	-	300		15	200	70
18	80	89				15	10	-	-		20	N	150	-	-	300		20	N	100
19	81	90				10	20	-	-		20	50	200	-	-	200		20	N	70
20	82	91				10	20	-	-		20	N	200	-	-	200		15	N	100
21	83	92				15	20	-	-		20	N	200	-	-	300		15	N	150
22	84	93				20	20	-	-		20	N	150	-	-	300		20	N	100
23	85	94	↓	↓	↓	15	20	-	-	↓	20	N	150	-	-	200	↓	20	N	150
24								-	-					-	-					

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*-Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-159C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/23/68

REPORT NO. HM-1006 CANYONVILLE Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	M-1	7	3	7	.5	1500	N(.5)	N(200)	N(10)	L(10)	150	N(1)	N(10)	N(20)	50	150	150
	HF-4	CANYONVILLE 95	3	1	5	.5	1500				L	150	N			10	50	50
3	487	96A	3	1.5	1	.5	1000				20	150	L(1)			20	500	30
4	488	99	3	.5	1	.05	1000				L	200	L			7	30	20
5	489	100	3	.7	1.5	.05	500				L	100	N			15	50	30
6	490	CAPE FERRELO 1	2	.7	.1	.2	300				20	200	L			7	100	30
7	491	2A&B	2	.7	.2	.2	500				30	200	L			10	1000	50
8	492	3A&B	1.5	.7	.3	.3	500				50	200	1			10	1000	50
9	493	4A&B	2	.7	.15	.3	700				30	150	1			15	1000	30
10	494	5A&B	5	1	.5	.5	700				100	150	L			15	500	50
11	495	6A&B	2	.7	.2	.2	700				30	150	L			10	200	30
12	496	7A&B	2	.7	.15	.2	700				30	200	L			10	200	30
13	497	8A&B	2	.7	.1	.2	500				30	200	L			10	200	30
14	498	9A&B	2	.7	.2	.2	500				20	150	L			15	1500	20
15	499	10A&B	2	.7	.2	.2	1000				20	150	L			7	300	30
16	500	11A&B	3	1	.15	.2	700				50	200	L			10	200	50
17	501	12A&B	2	.5	.15	.2	500				20	100	L			5	300	20
18	502	13A&B	3	1	.15	.2	700				70	300	1			15	150	50
19	503	14A&B	3	1	.1	.2	700				50	200	L			10	200	30
20	504	15A&B	3	1.5	.2	.2	700				50	200	L			15	300	30
21	505	16A&B	3	.7	.3	.3	700				30	150	L			15	300	50
22	506	17A&B	3	.7	.5	.2	1000				15	150	L			15	100	30
23	507	18A&B	3	.7	.5	.2	1500				15	150	L			15	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO. 159C ANALYST JERRY MOTOOKA Sheet #2

	LAB TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIF	W-1	N(20)	N(5)	N(15)	70	L(10)	-	-	N(100)	50	N(10)	200	-	-	500	N(30)	20	N(200)	100
2	486	CANYONVILLE 95	N	/	N	15	L	-	-	/	30	/	300	-	-	500	/	20	N	70
-	487	96A				70	10				20		200	-	-	200		15	N	70
4	488	99	N		N	10	L	-	-		10		300	-	-	150		15	N	100
5	489	100	N		N	10	N(10)	-	-		15		300	-	-	200		15	N	150
6	490	CAPE FERRELO	N		N	20	10	-	-		7		N(100)	-	-	100		10	N	100
7	491	2A&B	N		N	50	15	-	-		10		N	-	-	150		10	N	70
8	492	3A&B	N		L(10)	30	10	-	-		15		N	-	-	150		15	N	150
9	493	4A&B	N		10	30	10	-	-		15		N	-	-	150		15	N	150
10	494	5A&B	N		N	30	10	-	-		15		150	-	-	150		15	L(200)	150
11	495	6A&B	N		N	20	10	-	-		10		N	-	-	150		10	N	150
12	496	7A&B	L(20)		L	20	20	-	-		7		N	-	-	150		10	N	150
13	497	8A&B	N		N	30	20	-	-		10		N	-	-	150		15	N	150
14	498	9A&B	N		N	30	15	-	-		7		N	-	-	150		15	N	150
15	499	10A&B	N		N	20	20	-	-		7		N	-	-	150		15	N	150
16	500	11A&B	N		L	30	15	-	-		10		N	-	-	150		15	N	150
17	501	12A&B	N		N	20	20	-	-		7		N	-	-	150		10	N	150
18	502	13A&B	N		N	50	20	-	-		10		N	-	-	200		15	N	150
19	503	14A&B	N		N	50	10	-	-		10		N	-	-	150		15	N	200
20	504	15A&B	N		N	70	20	-	-		10		N	-	-	200		15	N	150
21	505	16A&B	N		L	30	15	-	-		15		100	-	-	300		15	N	150
22	506	17A&B	N		N	30	15	-	-		15		100	-	-	150		15	N	100
23	507	18A&B	L(20)	↓	N	20	15	-	-	↓	15	↓	150	-	-	200	↓	15	N	100
24								-	-					-	-					

REMARKS. G=Greater than 10%, or greater than value shown
H-Interference
- Not looked for.

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*-Usual limits of determinations do not apply due to use of dilution technique

Third Partial

Bowen

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-160C 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 1/23/68

REPORT NO HM-1006 CAPE FERRELO Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	M-1	7	3	7	.7	1500	N(.5)	N(200)	N(100)	L(10)	150	N(1)	N(10)	N(20)	30	150	100
2	AIF-505	19 A&B	5	2	1	.5	1000	N			20	150	N			20	300	50
3	09	20 A&B	5	2	.7	.5	1000	N			30	200	L(1)			20	500	50
4	10	21 A&B	5	2	.7	.5	1000	N			70	200	N			20	500	50
5	11	22 A&B	3	.7	.15	.3	1000	N			30	200	L			10	70	50
6	12	23 A&B	3	.5	.1	.3	700	N			30	200	L			15	70	30
7	13	24	2	.7	.15	.2	700	N			30	300	1			15	70	30
8	14	25	3	.7	.2	.3	700	N			30	300	1			15	100	30
9	15	26	3	.7	.3	.3	700	N			30	300	1			10	70	30
10	16	27	3	.7	.2	.2	700	N			30	300	1			15	70	30
11	17	28	2	.7	.2	.2	700	N			30	300	1			15	50	50
12	18	29	3	1	.2	.3	700	N			50	500	L			15	70	50
13	19	30	3	.7	.2	.3	700	N			50	300	1			15	70	30
14	20	31	3	.7	.15	.3	700	N			50	300	1			20	70	30
15	21	32	3	.7	.3	.2	700	N			50	200	1			15	100	50
16	22	33	3	1	.2	.3	700	N			50	300	1			15	70	50
17	23	34	3	.7	.15	.2	700	N			50	200	1			15	70	30
18	24	CAVE JT 1	3	.7	.2	.3	700	L(.5)			50	300	1			20	150	50
19	25	2	2	.7	.15	.2	500	L			50	300	1			10	50	30
20	26	3	2	.7	.2	.3	1500	.5			50	300	1.5			20	100	30
21	27	4	3	1	.3	.2	700	N			50	300	1			20	300	50
22	28	5	3	1.5	.3	.3	700	N			70	300	1			20	200	70
23	29	6	3	1	.7	.5	1000	N			70	70	L			20	70	70
24	30	7	3	1	1	.3	700	N			30	100	L			15	200	50

CAPE FERRELO

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

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FILE NO. 72-160C ANALYST JERRY MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AII F1	W-1	N(20)	N(5)	N(10)	70	L(10)	-	-	N(100)	30	N(10)	200	-	-	300	N(50)	20	N(200)	100
2	505	19 A&B	N	N		50	10	-	-		15		200	-	-	200		20		100
3	09	20 A&B	N	N		70	10	-	-		15		L(100)	-	-	200		20		100
4	10	21 A&B	N	N		100	10	-	-		15		200	-	-	200		10		100
5	11	22 A&B	N	N		50	L	-	-		10		N(100)	-	-	150		10		150
6	12	23 A&B	N	N		30	15	-	-		15		N	-	-	150		15		150
7	13	24	L(20)	N		20	10	-	-		15		L	-	-	150		15		150
8	14	25	L	N		30	15	-	-		15		L	-	-	150		20		100
9	15	26	N	N		20	15	-	-		15		L	-	-	150		15		150
10	16	27	L	L(5)		30	20	-	-		15		N	-	-	150		15		150
11	17	28	L	N		30	15	-	-		15		N	-	-	150		20		100
12	18	29	N	N		30	30	-	-		15		N	-	-	150		15		150
13	19	30	N	N		30	10	-	-		15		N	-	-	150		20		150
14	20	31	L	N		30	20	-	-		15		N	-	-	150		20		150
15	21	32	N	N		30	20	-	-		15		N	-	-	150		15		150
16	22	33	N	N		50	20	-	-		15		N	-	-	150		10		100
17	23	34	N	N		20	15	-	-		15		N	-	-	150		15		150
18	24	CAVE JT. 1	30	L(5)		50	20	-	-		15		N	-	-	150		15		150
19	25	2	L	N		20	15	-	-		15		N	-	-	100		30		100
20	26	3	50	N		70	20	-	-		20		L	-	-	150		30		100
21	27	4	20	N		70	15	-	-		15		N	-	-	150		15		100
22	28	5	20	N		70	15	-	-		15		L	-	-	150		15		100
23	29	6	N	N		20	15	-	-		20		200	-	-	200		20		70
24	30	7	N	N	↓	30	15	-	-	↓	20	↓	200	-	-	200	↓	15	↓	70

FERRELO CAPE

REMARKS: G=Greater than 10%, or greater than value shown
H= Interference
- Not looked for.

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-139-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/24/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	5	.5	1000	N	N	N	L	100	N	N	N	50	150	150
2	AIF-531	8	5	2	.7	.5	1000	N			20	200	L			30	700	70
3	532	9	5	1	.7	.3	1000	N			20	150	L			20	700	50
4	533	10	2	.7	.1	.3	200	L			30	1000	L			5	150	30
5	534	11	2	.5	.1	.2	700	L			30	700	L			7	200	50
6	535	12	3	.7	.1	.3	500	L			50	500	L			7	150	50
7	536	13	10	7	1.5	.15	1500	N			L	70	N			150	G(5000)	20
8	537	14	3	.7	.3	.3	700	N			30	300	L			20	1000	30
9	538	15	3	1	.7	.3	500	N			30	300	L			30	G(5000)	50
10	539	16	3	1	.7	.3	1000	N			20	200	L			20	1000	30
11	540	17	20	3	2	.5	1500	N			L	150	N			70	G(5000)	30
12	541	18	15	2	1	.3	1000	N			L	150	N			70	G(5000)	30
13	542	19	5	1.5	.5	.2	700	N			50	300	L			30	1500	70
14	543	20	5	1.5	2	.5	1500	N			15	100	L			20	1500	100
15	544	21	7	1	1	.7	2000	N			15	300	L			30	500	70
16	545	22	7	1	2	.7	1000	N			15	70	L			20	700	70
17	546	23	5	2	.2	.15	700	N			20	200	L			50	3000	30
18	547	24	7	5	.7	.03	700	N			L	20	N			150	G(5000)	20
19	548	25	10	2	1	.2	3000	N			L	100	N			150	G(5000)	30
20	549	26	7	2	.7	.07	1500	N			L	50	N			150	5000	30
21	550	27	15	5	1.5	.1	2000	N			L	70	N			150	G(5000)	30
22	551	28	15	5	.7	.07	3000	N			L	70	N			200	G(5000)	50
23	552	29	10	2	1	.15	1000	N	↓	↓	L	50	N	↓	↓	100	5000	30
24																		

Jumbo Quad / Cave

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

#11+12 => 5000PPM Cr.

FILM NO. 2-139-D
REPORT NO. HM-1006 ANALYST JERRY MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	N	-	-	N	30	N	150	-	-	300	N	20	N	100
2	AIF-531	8	N		N	150	10	-	-		20		100	-	-	200		10	N	50
3	532	9	N		N	150	L	-	-		20		100	-	-	200		15	N	70
4	533	10	50		L	30	20	-	-		15		L	-	-	150		20	N	200
5	534	11	L		L	50	15	-	-		7		L	-	-	100		10	N	70
6	535	12	L		L	50	20	-	-		10		L	-	-	200		10	N	150
7	536	13	N		N	1500	N	-	-		20		L	-	-	300		L	N	30
8	537	14	N		N	100	20	-	-		15		L	-	-	200		10	N	100
9	538	15	N		N	100	100	-	-		15		100	-	-	300		15	N	150
10	539	16	N		N	150	30	-	-		15		100	-	-	200		10	N	70
11	540	17	N		N	500	N	-	-		20		100	-	-	1500		10	300	150
12	541	18	N		N	500	N	-	-		20		100	-	-	1500		10	300	50
13	542	19	20		L	150	10	-	-		15		100	-	-	200		10	N	100
14	543	20	N		N	100	10	-	-		30		150	-	-	300		15	N	70
15	544	21	N		N	100	10	-	-		30		L	-	-	200		20	N	100
16	545	22	N		N	50	L	-	-		30		200	-	-	300		20	N	70
17	546	23	N		N	700	L	-	-		10		N	-	-	150		L	N	70
18	547	24	N		N	1500	N	-	-		30		N	-	-	300		N	L	N
19	548	25	N		N	3000	N	-	-		30		L	-	-	200		10	N	50
20	549	26	N		N	2000	N	-	-		30		N	-	-	150		L	N	20
21	550	27	N		N	3000	N	-	-		30		N	-	-	200		L	N	20
22	551	28	N		N	5000	N	-	-		30		N	-	-	200		L	N	30
23	552	29	N	↓	N	2000	N	-	-	↓	30	↓	L	-	-	150	↓	L	N	30
24								-	-					-	-					

Cave Junction

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-140-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/26/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.		FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////		W-1	10	3	7	.7	1500	N	N	N	L	150	N	N	N	50	300	150
2	AIF-553		30	15	3	1.5	.7	1500				L	50	N			100	G(5000)	70
3	554		31	10	3	2	.5	1000				20	300	L			30	1500	70
4	555		32	10	2	1	.7	1000				10	200	L			70	5000	70
5	556		33	7	3	1	.3	700				10	300	L			50	2000	70
6	557		34	7	1	.5	.5	3000				30	500	L			50	2000	150
7	558		35	10	3	.7	.3	1000				10	300	N			70	2000	70
8	559		36	10	5	1.5	.7	1000				10	200	L			70	2000	70
9	560		37	7	5	1	.2	700				15	150	N			100	2000	50
10	561	Cache Junction	38	10	3	1	.3	1000				15	500	N			50	1000	100
11	562		39	10	2	1	.5	1500				10	200	N			70	1500	50
12	563		40	7	2	2	.3	1000				10	300	N			50	1000	30
13	564		41	10	3	1.5	.3	1000				15	500	N			70	5000	70
14	565		42	7	2	1.5	.3	1000				L	100	N			70	3000	70
15	566		43	7	3	1.5	.3	1000				10	300	N			50	5000	70
16	567		44	7	3	1.5	.5	1500				10	100	N			70	3000	70
17	568		45	10	5	3	.7	1500				20	200	N			70	G(5000)	50
18	569		46	10	3	2	.7	1500				10	100	N			100	3000	150
19	570		47	15	5	1.5	.7	1000				15	200	N			100	5000	70
20	571		48	10	5	3	.5	1500				L	30	N			100	5000	70
21	572		49	7	5	.7	.2	700				L	150	N			70	3000	70
22	573		50	10	3	2	.5	1500				L	150	N			100	G(5000)	100
23	574		51	10	3	1.5	.7	1500	↓	↓	↓	30	300	L	↓	↓	70	G(5000)	100
24																			

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

#2 >> 5000 PPM Cr.

FILM NO. 2-140-D
REPORT NO. HD-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	VV-1	N	N	N	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIF-553	30	N		N	700	L	-	-		30		200	-	-	700		20	L	70
3	554	31	N		10	300	10	-	-		30		300	-	-	300		20	N	100
4	555	32	N		N	300	L	-	-		30		100	-	-	300		20	N	70
5	556	33	N		N	300	20	-	-		20		100	-	-	200		15	N	50
6	557	34	20		10	300	30	-	-		20		L	-	-	300		30	N	100
7	558	35	N		N	700	20	-	-		20		100	-	-	200		20	N	70
8	559	36	L		L	700	10	-	-		30		150	-	-	300		20	N	100
9	560	37	N		N	1000	L	-	-		20		100	-	-	200		10	N	30
10	561	38	N		N	700	10	-	-		30		150	-	-	300		20	N	70
11	562	39	N		N	500	10	-	-		30		L	-	-	300		20	N	70
12	563	40	N		N	200	L	-	-		30		200	-	-	300		15	N	50
13	564	41	N		N	500	N	-	-		30		150	-	-	300		15	N	70
14	565	42	N		N	300	30	-	-		30		100	-	-	300		15	N	50
15	566	43	N		N	300	10	-	-		30		200	-	-	300		15	L	70
16	567	44	N		N	700	10	-	-		30		150	-	-	300		15	N	70
17	568	45	N		N	700	N	-	-		30		150	-	-	300		20	N	70
18	569	46	N		N	700	N	-	-		30		100	-	-	300		20	N	70
19	570	47	N		L	700	N	-	-		30		100	-	-	500		20	N	70
20	571	48	N		N	1000	N	-	-		30		100	-	-	300		15	N	30
21	572	49	N		N	1000	N	-	-		10		N	-	-	200		L	N	50
22	573	50	N		N	700	10	-	-		20		L	-	-	300		15	N	30
23	574	51	N	↓	N	500	15	-	-	↓	20	↓	100	-	-	300	↓	15	1000	150
24								-	-					-	-					

CAVE JUNCTION

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-141-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/26/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.7	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIF-575	52	10	7	1	.3	1500	N			20	200	N			100	2000	50
3	576	53	5	2	.5	.15	700	N			15	200	N			70	G(5000)	20
4	577	54	5	3	.7	.2	500	N			15	200	N			30	1500	30
5	578	55	10	7	.5	.05	700	N			L	N	N			100	G(5000)	20
6	579	56	10	5	.3	.03	1000	N			L	N	N			150	G(5000)	30
7	580	57	15	7	.7	.1	1000	N			10	20	N			150	G(5000)	30
8	581	58	15	5	.2	.05	700	N			L	20	N			100	G(5000)	30
9	582	59	5	1.5	1	.3	500	N			30	300	L			20	1000	50
10	583	60	10	2	1	.3	700	N			15	100	N			70	G(5000)	70
11	584	61	3	.5	.2	.3	1500	N			30	300	L			15	150	30
12	585	62	3	.7	.1	.3	700	.5			50	500	L			15	500	50
13	586	63	3	.7	.1	.3	500	L			50	500	L			10	150	30
14	587	64	3	.5	.1	.3	500	L			50	500	L			10	200	30
15	588	65	10	2	1	.5	1500	N			15	300	N			70	G(5000)	30
16	589	66	10	2	1	.5	1500	N			10	200	N			70	2000	50
17	590	67	15	5	.7	.07	700	N			L	N	N			100	G(5000)	15
18	591	68	10	3	.7	.07	1500	N			L	50	N			150	5000	20
19	592	69	15	5	.7	.07	1500	N			10	50	N			150	G(5000)	30
20	593	70	15	5	.7	.1	1500	N			L	70	N			150	G(5000)	30
21	594	71	15	5	.5	.07	1000	N			L	20	N			150	G(5000)	20
22	595	72	7	3	1	.2	1000	N			L	100	N			70	2000	100
23	596	73	10	5	.7	.1	1500	N			10	50	N			100	G(5000)	30
24																		

CAVE JUNCTION

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

#17 >> 5000PPM Cr.

FILE NO 2-141-0 ANALYST J. MOTOOKA Sheet #2

	TAG NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	100	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIF-575	52	N		N	1000	N	-	-		20		L	-	-	200		10	N	70
3	576	53	N		N	700	L	-	-		10		L	-	-	150		L	N	50
4	577	54	N		N	500	15	-	-		15		100	-	-	200		L	N	100
5	578	55	N		N	1500	N	-	-		10		N	-	-	200		N	N	N
6	579	56	N		N	2000	N	-	-		15		N	-	-	150		N	N	L
7	580	57	N		N	1500	N	-	-		15		N	-	-	300		N	L	L
8	581	58	N		N	1500	10	-	-		10		N	-	-	150		N	N	10
9	582	59	20		10	100	70	-	-		15		150	-	-	200		15	N	150
10	583	60	L		N	500	N	-	-		30		L	-	-	300		10	N	50
11	584	61	20		N	70	15	-	-		15		L	-	-	200		15	N	100
12	585	62	50		10	100	20	-	-		10		L	-	-	150		20	N	150
13	586	63	20		10	70	15	-	-		10		L	-	-	200		15	N	200
14	587	64	30		10	50	15	-	-		10		L	-	-	150		15	N	200
15	589	65	N		N	700	N	-	-		20		100	-	-	500		15	L	300
16	589	66	N		N	700	10	-	-		30		150	-	-	300		20	N	70
17	590	67	N		N	1500	N	-	-		20		N	-	-	1000		N	L	L
18	591	68	N		N	1500	L	-	-		20		N	-	-	200		L	L	10
19	592	69	N		N	1500	N	-	-		15		N	-	-	300		L	200	10
20	593	70	N		N	1500	N	-	-		15		N	-	-	300		L	L	30
21	594	71	N		N	1500	N	-	-		15		N	-	-	300		L	N	20
22	595	72	N		N	1900	L	-	-		20		100	-	-	300		15	N	30
23	596	73	N		N	2000	N	-	-		20		L	-	-	200		L	N	20
24								-	-					-	-					

(CAVE JUNCTION)

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- =Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-142-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	10	3	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIF-597	74	10	3	1.5	.3	1000				L	100				100	5000	50
3	598	77	15	3	1.5	.5	1000				15	70				100	G(5000)	70
4	599	78	10	3	1.5	.2	1500				L	70				150	G(5000)	30
5	600	79	7	3	.7	.07	1500				30	50				100	G(5000)	20
6	601	80	7	5	1	.02	700				L	N				70	5000	20
7	602	82	15	3	1	.15	1000				L	50				150	G(5000)	20
8	603	83	5	3	.5	.03	700				L	20				150	G(5000)	20
9	604	84	10	5	.7	.03	700				L	N				150	G(5000)	20
10	605	85	10	5	.5	.03	700				L	N				150	G(5000)	30
11	606	86	10	7	.5	.02	700				L	N				150	G(5000)	20
12	607	87	10	7	.7	.05	700				L	N				150	G(5000)	30
13	608	90A	5	3	1	.3	700				10	200				50	1500	50
14	609	91A	5	3	1	.3	700				10	300				50	1500	50
15	610	92A	7	5	.7	.15	700				L	70				100	5000	20
16	611	93A	7	5	.7	.7	700				20	200				70	1500	70
17	612	94A	7	3	.7	.2	700				L	100				70	1500	70
18	613	95A	7	5	.7	.1	700				L	100				70	3000	30
19	614	96A	7	5	.7	.2	700				10	200				70	2000	50
20	615	97A	5	5	.5	.1	700				10	70				70	1500	30
21	616	98A	7	7	.5	.07	700				10	70				70	3000	20
22	617	99A	5	5	.7	.15	700				10	150				50	1000	50
23	618	Chelsea Peak 1	10	7	.2	.05	1000				10	20				150	G(5000)	20
24																		

Seven Sum

Core

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

9, 10, 11, 12 ≫ 5000 PPM Cr.

FILE NO 2-142-D ANALYST J. Motooka Sheet #2

	TAG NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	L	-	-	N	30	N	150	-	-	300	N	20	N	70
2	AIF-597	74			N	700	N	-	-		20		100	-	-	300		10	N	50
3	595	77			N	700	N	-	-		30		L	-	-	500		10	N	30
4	599	78			N	1500	N	-	-		30		100	-	-	300		L	200	50
5	600	79			N	1000	15	-	-		10		N	-	-	200		L	L	20
6	601	80			N	1000	N	-	-		20		N	-	-	150		L	N	N
7	602	82			N	1500	N	-	-		15		N	-	-	500		L	200	50
8	603	83			N	1500	10	-	-		10		N	-	-	200		L	200	N
9	604	84			N	1500	N	-	-		20		N	-	-	500		N	L	N
10	625	85			N	1500	N	-	-		20		N	-	-	500		N	300	N
11	606	86			N	2000	N	-	-		10		N	-	-	300		N	L	N
12	607	87			N	2000	N	-	-		15		N	-	-	300		N	L	N
13	608	90A			N	500	N	-	-		20		150	-	-	200		10	N	70
14	609	91A			N	500	N	-	-		30		150	-	-	300		15	N	70
15	610	92A			N	1500	N	-	-		10		N	-	-	200		L	N	30
16	611	93A			10	700	10	-	-		30		100	-	-	300		15	N	100
17	612	94A			N	700	N	-	-		20		100	-	-	200		15	N	50
18	613	95A			N	700	N	-	-		15		100	-	-	200		L	N	30
19	614	96A			N	1000	L	-	-		20		100	-	-	200		10	N	30
20	615	97A			N	1000	N	-	-		7		L	-	-	150		L	N	20
21	616	98A			N	1000	N	-	-		7		L	-	-	100		L	N	20
22	617	99A			N	700	L	-	-		15		100	-	-	200		L	N	30
23	618	Chelan Peak 1	↓	↓	N	2000	L	-	-	↓	10	↓	N	-	-	200	↓	N	N	10
24								-	-					-	-					

Caution Jumbura

REMARKS: G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-143-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	5	7	.7	1000	N	N	N	L	150	N	N	N	50	200	150
2	AIF-619	Chetco 2	15	7	1.5	.15	1500	N			L	50	N			200	G(5000)	30
3	620	Peak 3	15	7	1	.2	1500	N			15	20	N			150	G(5000)	20
4	621	4	15	5	2	1	1500	N			20	150	N			100	1000	150
5	622	5	3	1	1	.5	2000	N			L	70	L			20	150	150
6	623	6	7	5	3	.7	1500	N			10	100	N			50	2000	150
7	624	7	10	7	2	.3	1000	N			30	100	N			100	5000	30
8	625	8	15	7	10	.3	1500	N			10	100	N			150	G(5000)	150
9	626	9	15	7	1.5	.2	1000	N			10	70	N			150	G(5000)	30
10	627	10	15	7	1	.05	1000	1.5			L	20	N			150	G(5000)	30
11	628	11	15	7	1	.15	1000	N			10	70	N			100	G(5000)	30
12	629	12	15	7	1	.2	1000	N			20	70	N			150	G(5000)	30
13	630	13	10	5	1.5	.5	1500	N			20	150	N			70	2000	50
14	631	14	15	7	3	.7	1500	N			L	150	N			100	3000	100
15	632	15	15	7	2	.5	1000	N			L	100	N			150	G(5000)	50
16	633	16	15	7	3	.7	1500	N			20	200	N			100	3000	70
17	634	17	15	5	3	1	1500	N			20	200	N			100	2000	150
18	635	18	15	3	3	1	1500	N			20	300	L			100	700	150
19	636	19	10	7	2	.5	1000	N			L	150	N			100	2000	70
20	637	20	15	10	2	.5	1500	N			15	100	N			150	G(5000)	70
21	638	21	10	7	3	.5	1000	N			15	150	N			100	5000	50
22	639	22	10	7	1.5	.3	1000	N			L	100	N			100	5000	50
23	640	23	15	7	3	.7	1500	N	↓	↓	15	100	N	↓	↓	100	5000	150
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-143-D ANALYST J. MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	150	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIF-619	Chetlo 2			N	2000	N	-	-		20		N	-	-	300		L	N	20
3	620	Park 3			N	2000	N	-	-		20		N	-	-	300		L	N	15
4	621	4			10	300	N	-	-		50		200	-	-	500		30	N	150
5	622	5			N	50	10	-	-		20		L	-	-	300		20	N	50
6	623	6			N	300	N	-	-		30		150	-	-	500		30	N	100
7	624	7			N	1000	N	-	-		30		100	-	-	300		10	N	30
8	625	8			N	700	N	-	-		30		100	-	-	500		15	N	30
9	626	9			N	1500	N	-	-		20		100	-	-	200		L	N	30
10	627	10			N	2000	N	-	-		15		N	-	-	150		L	N	10
11	628	11			N	1500	N	-	-		15		L	-	-	300		L	N	30
12	629	12			N	2000	N	-	-		15		N	-	-	300		L	N	30
13	630	13			N	700	L	-	-		15		150	-	-	300		15	N	70
14	631	14			N	700	N	-	-		30		150	-	-	500		30	N	100
15	632	15			N	1000	N	-	-		20		100	-	-	500		15	N	70
16	633	16			10	700	N	-	-		20		200	-	-	300		20	N	100
17	634	17			10	500	N	-	-		30		200	-	-	700		30	N	100
18	635	18			20	300	N	-	-		30		300	-	-	500		30	N	150
19	636	19			N	700	N	-	-		20		100	-	-	300		15	N	70
20	637	20			N	2000	N	-	-		20		150	-	-	500		20	L	50
21	638	21			N	1500	N	-	-		20		150	-	-	300		20	N	70
22	639	22			N	1500	N	-	-		15		100	-	-	200		10	N	30
23	640	23	↓	↓	N	1500	N	-	-	↓	30	↓	100	-	-	300	↓	15	N	30
24								-	-					-	-					

REMARKS. G=Greater than 10% or greater than value shown
H=Interference
- Not looked for

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-144-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68
REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	5	7	.7	1000	N	N	N	10	200	N	N	N	70	300	150
2	AIF-6H1	Chetco 24	5	3	1.5	.2	1500				15	100	L			50	2000	100
3	642	Peak 25	10	5	1.5	.15	1500				15	150	N			100	3000	700
4	643	26	15	7	1.5	.2	1000				10	100	N			100	G(5000)	100
5	644	27	15	5	2	.5	1000				15	150	N			150	G(5000)	70
6	645	28	15	3	2	.7	1500				15	300	N			70	700	150
7	646	29	10	5	2	.3	1500				L	150	N			50	2000	150
8	647	30	10	10	.7	.07	1000				30	50	N			150	G(5000)	20
9	648	31	15	7	.7	.07	700				10	20	N			150	G(5000)	50
10	649	32	15	10	.7	.03	700				L	20	N			150	G(5000)	30
11	650	33	15	G(10)	1	.07	1000				L	N	N			150	G(5000)	20
12	651	34M	10	7	.7	.07	1000				20	70	L			100	G(5000)	30
13	652	#1 34M	15	10	1.5	.05	1500				L	N	N			150	G(5000)	30
14	653	#3 34M	10	5	.7	.07	500				15	70	I			50	G(5000)	30
15	654	35	15	10	1.5	.7	1500				L	100	N			150	G(5000)	50
16	655	36	15	7	1.5	.5	1500				10	100	N			150	G(5000)	30
17	656	37	15	7	.7	.5	700				15	300	L			150	G(5000)	20
18	657	38	10	7	.7	.07	700				L	50	N			100	5000	20
19	659	39	7	3	1	.5	1000				50	700	L			30	1500	70
20	659	40M	10	7	1	.5	1500				10	300	N			150	G(5000)	70
21	660	41M	15	5	2	.7	1000				15	300	N			100	G(5000)	70
22	661	42M	15	G(10)	2	.2	1500				10	70	N			150	G(5000)	50
23	662	43M	5	1.5	1	.3	1000	↓	↓	↓	20	700	L	↓	↓	15	1000	20
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

#13, 16, 17, 22 ≫ 5000 PPM Cr.

FILE NO 2-144-D ANALYST J. MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	L	-	-	N	30	N	150	-	-	700	N	30	N	100
2	AZF-641	Chatco 24	N		N	700	10	-	-		20		100	-	-	200		15	200	30
3	642	Peak 25	N		N	1500	20	-	-		30		L	-	-	300		10	1500	20
4	643	26	N		N	1000	N	-	-		30		L	-	-	500		10	N	30
5	644	27	N		N	1000	N	-	-		30		100	-	-	700		15	N	100
6	645	28	N		N	100	N	-	-		50		200	-	-	1000		50	N	100
7	646	29	L		N	300	N	-	-		30		100	-	-	500		20	N	100
8	647	30	N		N	2000	N	-	-		15		L	-	-	200		N	N	10
9	648	31	N		N	3000	N	-	-		10		N	-	-	300		N	L	10
10	649	32	N		N	3000	N	-	-		15		N	-	-	200		N	N	10
11	650	33	N		N	3000	N	-	-		20		N	-	-	300		N	N	N
12	651	34M	N		50	2000	10	-	-		10		N	-	-	200		10	L	30
13	652	#1 ~~34A~~	N		N	3000	N	-	-		20		N	-	-	300		L	L	N
14	653	#3 ~~34B~~	N		70	1500	10	-	-		10		N	-	-	200		15	L	50
15	654	35	N		N	2000	N	-	-		20		100	-	-	500		20	L	100
16	655	36	N		N	1500	N	-	-		20		100	-	-	700		15	N	30
17	656	37	30		70	2000	L	-	-		10		100	-	-	300		15	N	300
18	657	38	N		15	1500	N	-	-		7		N	-	-	150		L	N	70
19	658	39	L		L	500	10	-	-		20		150	-	-	200		15	N	300
20	659	40M	N		50	1500	L	-	-		20		150	-	-	300		15	N	200
21	660	41M	N		N	1000	N	-	-		30		150	-	-	700		30	N	500
22	661	42M	N		N	3000	N	-	-		20		L	-	-	300		L	N	30
23	662	43M	N		L	300	10	-	-		7		200	-	-	150		10	N	200
24								-	-					-	-					

REMARKS: G=Greater than 10% or greater than value shown
H=Interference
- Not looked for.
N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-145-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68

REPORT NO. HH-1066 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	50	200	150
2	AJF-663	Chetco 44M	7	3	1	.3	1000				20	300	L			30	2000	20
3	664	Rock 45M	10	3	2	.7	1500				10	100	N			30	1000	30
4	665	46M	15	5	.7	.15	1500				L	70	N			150	G(5000)	50
5	666	47M	5	5	.7	.07	1000				L	50	N			150	5000	30
6	667	48	5	2	1	.3	1000				15	200	N			50	5000	100
7	668	49	7	5	2	.3	1000				15	200	N			50	2000	100
8	669	50	7	2	3	.5	1500				50	300	N			30	150	200
9	670	51	10	5	1	.15	1000				10	70	N			100	G(5000)	30
10	671	52	10	7	1.5	.15	1000				20	70	N			150	G(5000)	30
11	672	53	10	5	2	.7	1000				20	150	N			100	3000	100
12	673	54	10	5	1.5	.3	1000				10	150	N			100	G(5000)	50
13	674	55	5	1.5	.15	.3	500				50	700	L			30	500	50
14	675	56	5	1.5	.3	.3	700				50	500	1			20	200	30
15	676	57	5	1	.07	.2	700				50	500	L			15	150	30
16	677	58	7	1.5	.15	.7	1000				70	700	1			30	200	70
17	678	59	3	1	.5	.3	1500				50	700	1			15	150	70
18	679	60	5	1.5	.3	.3	500				30	300	L			20	3000	50
19	680	61	10	7	.5	.2	1000				30	200	N			100	G(5000)	50
20	681	62	7	3	.5	.3	700				50	500	L			30	2000	30
21	682	63	7	5	.5	.15	1000				30	200	N			100	5000	30
22	683	64	10	5	.2	.07	700				10	50	N			150	G(5000)	20
23	684	65	5	2	1.5	.3	1000	↓	↓	↓	20	200	L	↓	↓	20	700	20
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-145-D ANALYST J. METOOKA Sheet #2

	TAG NO	FIELD NO	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	150	N	-	-	N	30	N	150	-	-	300	N	20	N	100
2	A2F-663	Chutro 44M	N	N		500	10	-	-		15		200	-	-	200		10	N	200
3	664	Peak 45M	N	L		300	L	-	-		30		150	-	-	300		30	N	100
4	665	46M	N	N		2000	N	-	-		20		L	-	-	300		L	L	30
5	666	47M	N	N		1500	10	-	-		10		N	-	-	200		L	N	20
6	667	48	N	N		300	10	-	-		30		300	-	-	300		15	N	50
7	668	49	N	N		500	10	-	-		30		300	-	-	300		15	N	50
8	669	50	N	N		70	10	-	-		30		300	-	-	500		20	N	70
9	670	51	N	N		1500	N	-	-		20		L	-	-	300		L	N	20
10	671	52	N	N		1500	N	-	-		20		L	-	-	300		L	N	30
11	672	53	N	N		700	N	-	-		30		150	-	-	300		20	N	100
12	673	54	N	N		1500	N	-	-		20		100	-	-	300		L	N	70
13	674	55	L	N		200	20	-	-		20		L	-	-	300		15	N	200
14	675	56	L	N		100	20	-	-		20		100	-	-	200		15	N	150
15	676	57	N	N		70	10	-	-		15		L	-	-	300		15	N	100
16	677	58	N	N		100	15	-	-		30		L	-	-	200		20	N	200
17	678	59	N	N		70	30	-	-		20		100	-	-	200		20	N	200
18	679	60	N	N		150	20	-	-		20		100	-	-	200		10	N	100
19	680	61	N	N		1500	10	-	-		20		L	-	-	300		10	200	100
20	681	62	N	N		500	10	-	-		20		L	-	-	300		15	L	150
21	682	63	N	N		1000	10	-	-		15		L	-	-	200		L	L	50
22	683	64	N	N		1500	N	-	-		10		N	-	-	300		L	L	30
23	684	65	N	N	↓	200	10	-	-	↓	20	↓	150	-	-	200	↓	10	N	150
24								-	-					-	-					

REMARKS. G=Greater than 10% or greater than value shown
H=Interference
- Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-146-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68

REPORT NO. HM-1001 Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////	W-1	10	5	7	.7	1500	N	N	N	L	200	N	N	N	50	200	150
2	AEF-685	Chytco 66	15	10	.7	.1	1000				15	50	N			150	G(5000)	50
3	686	Peak 67	10	7	1	.3	1000				50	200	N			100	5000	30
4	687	68	15	7	.7	.2	1000				L	70	N			150	G(5000)	30
5	688	69	20	7	2	.3	1000				L	N	N			150	G(5000)	15
6	689	70	15	5	5	1	1000				10	50	N			100	G(5000)	50
7	690	71	15	7	.5	.15	1500				L	50	N			150	G(5000)	20
8	691	72	15	10	.7	.02	700				L	N	N			150	G(5000)	15
9	692	73	15	5	3	.5	1500				L	200	N			70	3000	150
10	693	74	15	5	5	.5	1500				L	70	N			100	1500	100
11	694	75	15	5	3	.7	1500				50	200	N			100	5000	100
12	695	76	10	5	2	.2	1000				10	150	N			100	5000	100
13	696	77	7	1.5	1	.3	700				50	300	N			15	300	20
14	697	78	15	7	3	.3	1000				L	70	N			150	G(5000)	30
15	698	79	15	7	3	1	1000				20	200	1			100	2000	70
16	699	80	15	10	.7	.02	1000				L	N	N			150	G(5000)	20
17	700	81	15	7	1	.07	1000				L	30	N			150	G(5000)	30
18	701	82	10	7	10	.2	1000				L	50	N			100	5000	30
19	702	83	15	5	7	.7	1500				L	50	N			100	2000	150
20	703	84	10	5	3	.5	1500				10	100	N			50	1500	150
21	704	85	10	7	15	.2	1000				L	20	N			100	G(5000)	100
22	705	86	15	7	15	.3	1500				L	50	N			150	G(5000)	100
23	706	87	15	7	10	.3	1000	↓	↓	↓	L	20	N	↓	↓	100	G(5000)	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-146-D ANALYST J. MOTOOKA Sheet #2

	TAG NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	Chatco Peak	N	N	N	100	N	-	-	N	30	N	150	-	-	500	N	20	N	100
2	AJF-685	66			N	3000	N	-	-		15		N	-	-	300		L	N	20
3	686	67			N	1500	N	-	-		15		100	-	-	300		L	N	150
4	687	68			N	3000	N	-	-		15		N	-	-	300		N	N	20
5	688	69			N	2000	N	-	-		20		N	-	-	200		N	500	10
6	689	70			N	1500	N	-	-		50		N	-	-	1000		10	N	30
7	690	71			N	5000	N	-	-		20		N	-	-	200		N	N	10
8	691	72			N	3000	N	-	-		10		N	-	-	200		N	N	N
9	692	73			N	500	N	-	-		30		150	-	-	500		20	N	50
10	693	74			N	300	N	-	-		30		100	-	-	500		20	N	50
11	694	75			N	700	N	-	-		30		200	-	-	300		20	N	70
12	695	76			N	700	N	-	-		30		150	-	-	300		10	N	50
13	696	77			N	100	10	-	-		20		150	-	-	300		30	N	200
14	697	78			N	1500	N	-	-		30		100	-	-	300		20	N	200
15	698	79			50	1000	N	-	-		30		200	-	-	300		20	N	70
16	699	80			N	5000	N	-	-		20		N	-	-	150		N	N	N
17	700	81			N	3000	N	-	-		20		N	-	-	200		L	N	10
18	701	82			N	500	N	-	-		70		100	-	-	300		10	N	200
19	702	83			N	200	N	-	-		50		200	-	-	700		15	N	20
20	703	84			N	300	N	-	-		30		200	-	-	500		20	N	150
21	704	85			N	300	N	-	-		70		100	-	-	500		L	N	20
22	705	86			N	300	N	-	-		70		100	-	-	500		L	N	20
23	706	87	↓	↓	N	300	N	-	-	↓	50	↓	L	-	-	500	↓	L	N	10
24								-	-					-	-					

REMARKS. G=Greater than 10%, or greater than value shown
H=Interference
- Not looked for

N-Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique

4th Partial - AIF 531-720

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-147-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 4/29/68

REPORT NO. HM-1006 Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111	VV-1	10	3	7	.7	1500	N	N	N	L	150	N	N	N	50	150	200
2	AIF-707	Chetco Peak 88	10	7	.7	.1	1000				10	70	N			100	5000	30
3	708	Collier Butte 1	5	3	.5	.5	1000				50	500	L			30	1000	70
4	709	2	7	2	.3	.5	1000				70	500	L			30	500	70
5	710	3	7	3	.5	.5	700				50	500	L			50	1500	50
6	711	4	5	1.5	.1	.3	500				70	500	L			20	150	70
7	712	5	7	2	.2	.5	500				70	500	L			20	300	50
8	713	6	5	1	.2	.3	500				70	500	L			15	150	70
9	714	7	5	1	.2	.3	700				70	500	L			15	150	50
10	715	8	5	2	.3	.3	700				70	700	L			20	1000	70
11	716	9	7	1	.15	.3	700				70	700	L			20	150	50
12	717	10	7	1.5	.3	.5	700				100	1000	1			20	150	100
13	718	AM	7	1.5	.5	.5	1000				70	500	L			20	150	100
14	719	BM	7	2	.7	.5	1500				70	700	L			20	200	150
15	720	CM	7	1.5	.5	.5	700	↓	↓	↓	70	500	L	↓	↓	20	150	50
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-147-D
REPORT NO. HM1006 ANALYST J. MOTOSKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	AIIF	W-1	N	N	N	150	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	707	Chetco Peck88	N		N	1500	50	-	-		20		L	-	-	200		L	N	20
3	708	Collier Rattle 1	L		N	300	30	-	-		15		N	-	-	200		15	N	100
4	709	2	L		N	200	10	-	-		20		N	-	-	300		20	L	200
5	710	3	L		N	500	15	-	-		20		N	-	-	300		20	N	200
6	711	4	L		N	100	30	-	-		20		N	-	-	300		15	N	100
7	712	5	L		L	150	10	-	-		30		N	-	-	300		20	N	300
8	713	6	L		N	70	20	-	-		15		N	-	-	200		15	N	100
9	714	7	L		L	50	20	-	-		20		N	-	-	200		15	L	200
10	715	8	L		L	150	30	-	-		20		N	-	-	200		15	L	150
11	716	9	L		L	100	30	-	-		30		100	-	-	300		15	L	150
12	717	10	20		10	100	30	-	-		30		150	-	-	300		20	N	200
13	718	AM	L		L	100	30	-	-		20		100	-	-	300		20	N	200
14	719	BM	L		L	100	30	-	-		30		150	-	-	300		20	N	150
15	720	CM	L	↓	L	100	20	-	-	↓	20	↓	100	-	-	300	↓	15	N	150
16								-	-					-	-					
17								-	-					-	-					
18								-	-					-	-					
19								-	-					-	-					
20								-	-					-	-					
21								-	-					-	-					
22								-	-					-	-					
23								-	-					-	-					
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-145-D 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 5/1/62

REPORT NO. AM-1006 Sheet #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////	W-1	10	5	7	.7	1500	N	N	N	10	150	N	N	N	50	200	150
2	AIF-721	Collier DM	10	5	1	.5	1000	N			70	700	L			50	1500	100
3	722	Butte EM	3	1	.3	.5	1000	N			70	500	1			15	150	50
4	723	FM	5	1.5	.2	.5	700	N			70	700	1			15	150	70
5	724	GM	7	1.5	.3	.3	700	N			70	700	L			20	700	70
6	725	HM	7	1.5	.2	.5	700	N			70	700	L			20	150	150
7	726	IM	7	1.5	.5	.3	700	N			70	500	L			20	150	70
8	727	JM	7	1.5	.7	.5	700	N			70	500	L			20	300	100
9	728	KM	10	3	.5	.5	700	N			70	500	L			30	700	70
10	729	LM	7	1.5	.3	.5	700	N			100	500	L			20	150	50
11	730	MM	7	1.5	.2	.3	700	L			70	500	L			30	200	100
12	731	NM	10	2	.5	.7	1000	N			100	1000	L			30	200	70
13	732	OM	5	2	.2	.3	300	L			70	300	L			15	300	30
14	733	29	10	7	.7	.03	700	N			L	20	N			100	G(5000)	20
15	734	30	7	5	7	.15	1000	N			15	200	N			50	1000	50
16	735	31	3	1	.5	.2	500	N			30	300	L			10	150	50
17	736	32	7	3	2	.2	700	N			20	150	L			30	5000	100
18	737	33	15	2	5	.7	1000	N			20	200	N			30	2000	100
19	738	34	7	2	2	.3	700	N			15	200	N			30	1000	30
20	739	35	10	7	10	.2	1500	N			10	70	N			100	G(5000)	20
21	740	36	5	2	.7	.3	700	N			20	500	L			20	1000	50
22	741	37	10	2	1.5	.7	1000	N			30	300	L			30	700	50
23	742	38	5	2	.7	.3	700	N	↓	↓	50	500	L	↓	↓	20	1000	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILE NO 2-148-D ANALYST J. Motooka Sheet #7

	LAB NO	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	Collier Butte	N	N	N	100	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIF 721	DM	L		N	300	20	-	-		30		150	-	-	300		20	N	150
3	722	EM	20		L	100	20	-	-		15		100	-	-	200		15	N	300
4	723	FM	20		L	70	30	-	-		20		100	-	-	300		15	L	150
5	724	GM	L		L	100	20	-	-		20		100	-	-	300		10	L	150
6	725	HM	20		10	70	50	-	-		20		100	-	-	300		20	L	200
7	726	IM	20		L	100	20	-	-		20		100	-	-	300		20	L	150
8	727	JM	20		L	100	30	-	-		20		150	-	-	300		20	L	200
9	728	KM	20		10	150	30	-	-		20		100			300		20	N	200
10	729	LM	L		L	70	30	-	-		20		100		-	300		15	N	150
11	730	MM	L		L	100	50	-	-		15		100		-	300		15	N	300
12	731	NM	20		10	100	30	-	-		30		150	-	-	300		30	L	300
13	732	OM	20		N	150	20	-	-		15		100	-	-	200		15	N	100
14	733	29	N		N	1500	N	-	-		7		N	-	-	150		L	N	N
15	734	30	N		N	150	10		-		50		100	-	-	300		10	N	50
16	735	31	L		N	30	20		-		15		150	-	-	150		10	N	100
17	736	32	L		N	300	20	-	-		20		100	-		300		10	N	50
18	737	33	N		N	100	N	-	-		30		200	-	-	700		20	L	70
19	738	34	N		N	150	N	-	-		20		150	-	-	300		10	N	50
20	739	35	N		N	300	N	-	-		30		L	-	-	300		10	N	100
21	740	36	L		N	150	30		-		15		100	-	-	300		15	N	150
22	741	37	N		N	100	10	-	-		30		700	-	-	500		15	N	100
23	742	38	N	↓	N	150	15	-	-	↓	15	↓	100	-	-	300	↓	15	N	70
24								-	-					-						

REMARKS: G=Greater than 10% or greater than value shown
H=Interference
---=Not looked for

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown
*=Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. D-149-D 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 5/1/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	5	7	.7	1000	N	N	N	10	200	N	N	N	50	200	150
2	AIF-743	Collier 39	10	7	1	.15	1000	N			15	100	N			70	5000	30
3	744	Butte 40	7	5	1.5	.2	700	N			30	300	N			30	1500	30
4	745	41	10	5	1	.2	700	N			10	150	N			100	G(5000)	30
5	746	42	7	5	.7	.2	700	N			20	300	N			30	3000	30
6	747	43	15	7	.7	.15	700	N			30	200	N			100	G(5000)	50
7	748	44	10	5	.5	.3	700	N			50	500	L			50	3000	70
8	749	Rays Creek # 1	10	3	3	.5	700	N			10	150	N			30	200	100
9	750	2	10	3	2	.5	2000	N			10	200	N			30	200	100
10	751	3	10	2	1	.5	700	N			30	500	L			20	200	70
11	752	4	7	2	.7	.5	700	.5			70	700	L			20	200	70
12	753	5	7	2	1.5	.3	1500	N			30	500	L			30	200	70
13	754	6	7	2	1	.5	1000	N			50	500	L			20	150	70
14	755	7	7	2	1	.5	700	N			50	500	L			20	150	70
15	756	8	7	2	1.5	.3	700	N			20	300	L			30	200	50
16	757	9	7	1.5	1	.3	1000	N			30	500	L			30	150	70
17	758	10	5	1	.2	.2	1000	.7			50	700	L			15	150	100
18	759	11	7	2	1.5	.7	1500	N			70	500	L			30	300	70
19	760	12	7	1.5	.3	.7	700	N			70	700	1.5			20	150	100
20	761	13	7	1	.5	.5	1000	N			50	700	L			20	150	70
21	762	14	5	.7	.5	.5	1000	N			30	500	L			20	150	30
22	763	15	7	1	.7	.3	700	N			50	500	L			20	100	50
23	764	16	7	1	.7	.5	700	N	V	V	30	500	L	V	V	10	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-149-D ANALYST J. Motooka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	Collier Butte	N	N	N	100	N	-	-	N	30	N	200	-	-	500	N	30	N	100
2	ATF 743	39	N		N	1000	L	-	-		10		L	-	-	300		L	N	20
3	744	40	N		N	300	L	-	-		20		L	-	-	300		10	N	70
4	745	41	N		N	1000	N	-	-		15		L	-	-	700		L	200	30
5	746	42	N		N	500	15	-	-		15		L	-	-	300		10	N	70
6	747	43	N		N	700	L	-	-		15		L	-	-	300		10	200	50
7	748	44	N		N	300	20	-	-		15		L	-	-	300		15	L	100
8	749	Days Creek #1	N		N	70	N	-	-		30		150	-	-	500		30	N	70
9	750	2	N		N	50	L	-	-		30		200	-	-	300		30	N	70
10	751	3	N		10	70	10	-	-		20		100	-	-	300		20	N	150
11	752	4	20		10	50	30	-	-		15		100	-	-	300		30	N	150
12	753	5	20		L	70	20	-	-		30		100	-	-	300		30	N	150
13	754	6	L		L	50	20	-	-		20		100	-	-	300		20	N	150
14	755	7	L		L	100	20	-	-		20		200	-	-	300		30	N	200
15	756	8	L		L	100	L	-	-		20		150	-	-	300		20	N	200
16	757	9	L		L	100	10	-	-		20		150	-	-	300		20	N	100
17	758	10	L		10	100	50	-	-		10		100	-	-	300		20	L	150
18	759	11	L		10	100	10	-	-		30		200	-	-	300		30	N	200
19	760	12	L		10	100	20	-	-		15		100	-	-	300		30	N	200
20	761	13	L		L	70	30	-	-		10		200	-	-	300		15	N	150
21	762	14	L		L	50	20	-	-		10		200	-	-	200		20	N	200
22	763	15	L		L	70	10	-	-		10		200	-	-	300		15	N	100
23	764	16	N	↓	L	50	10	-	-	↓	10	↓	300	-	-	200	↓	15	N	100
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-150-D 6 Step D. C. Arc REQUESTED BY R. BOWIEN DATE 5/2/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	HM-1	10	3	7	.7	1500	N	N	N	L	200	N	N	N	50	300	150
2	AEE-765	Days Creek 17	3	.7	.5	.2	500				30	500	L			7	100	30
3	766	18	5	1	.7	.3	1000				30	500	L			15	150	50
4	767	19	3	1	.7	.2	500				50	700	L			10	100	30
5	768	20	3	.7	.5	.2	700				50	500	L			15	150	30
6	769	21	5	1	.3	.5	1000				70	500	L			30	200	50
7	770	22	5	1	.7	.3	700				50	300	L			20	200	30
8	771	23	7	1.5	1.5	.7	1500				15	150	N			30	100	30
9	772	24	7	1	.5	.3	700				30	500	L			30	300	50
10	773	25	5	1	1.5	.5	1000				20	200	L			20	150	50
11	774	26	5	.7	.7	.2	700				30	500	L			15	200	30
12	775	27	5	1	.7	.3	700				30	300	L			15	500	30
13	776	28	7	2	2	.7	1500				10	150	N			20	150	50
14	777	29	10	2	2	.7	1500				10	150	N			50	100	70
15	778	30	5	1.5	1.5	.5	700				L	70	N			20	70	30
16	779	31	3	.7	.7	.3	700				30	300	L			15	150	20
17	780	32	7	3	3	.5	1000				L	100	N			30	300	150
18	781	33	3	1	2	.2	500				L	150	N			15	150	15
19	782	34	5	1	2	.5	700				L	200	N			15	150	20
20	783	35	2	.7	.7	.2	500				L	300	L			7	100	20
21	784	36	3	.7	.5	.3	500				50	500	L			7	150	100
22	785	37	5	1	.7	.5	700				30	500	L			15	200	150
23	786	38	3	1	.7	.3	700	↓	↓	↓	20	300	L	↓	↓	10	200	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-150-D ANALYST JERRY MOTEOKA Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	WH-1	N	N	N	100	L	-	-	N	30	N	200	-	-	500	N	20	N	100
2	764-765	Davis 17	N		N	50	10	-	-		7		200	-	-	200		10	N	70
3	766	Creek 18	L		N	70	10	-	-		15		300	-	-	200		10	N	200
4	767	19	L		N	70	10	-	-		15		200	-	-	300		10	L	150
5	768	20	L		N	70	15	-	-		10		300	-	-	200		10	L	150
6	769	21	L		10	100	20	-	-		20		100	-	-	300		20	L	200
7	770	22	L		N	100	10	-	-		15		100	-	-	300		15	N	200
8	771	23	L		N	20	N	-	-		30		200	-	-	300		10	N	150
9	772	24	L		L	70	10	-	-		20		100	-	-	300		15	L	200
10	773	25	N		N	30	10	-	-		30		200	-	-	300		15	N	70
11	774	26	N		N	70	10	-	-		15		150	-	-	150		10	N	100
12	775	27	L		N	70	L	-	-		20		150	-	-	200		15	N	150
13	776	28	N		N	20	N	-	-		30		300	-	-	300		15	N	150
14	777	29	N		N	20	N	-	-		30		200	-	-	300		10	N	50
15	778	30	N		N	15	N	-	-		30		200	-	-	300		10	N	50
16	779	31	N		10	50	L	-	-		10		100	-	-	200		10	N	100
17	780	32	N		N	70	L	-	-		30		200	-	-	300		20	N	70
18	781	33	N		N	50	N	-	-		15		500	-	-	150		10	N	100
19	782	34	N		N	50	N	-	-		20		700	-	-	200		15	N	150
20	783	35	N		L	30	N	-	-		7		300	-	-	150		L	N	100
21	784	36	N		10	50	15	-	-		10		200	-	-	150		15	N	200
22	785	37	N		L	70	15	-	-		15		300	-	-	300		15	N	100
23	786	38	L	↓	10	70	10	-	-	↓	15	↓	300	-	-	200	↓	10	N	100
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

--=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-151-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/2/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	10	3	7	.5	1000	N	N	N	10	150	N	N	N	50	150	150
2	AIE-787	Davis Creek 39	3	1	1	.2	500	N			L	200	L			7	150	20
3	788	40	5	1	1.5	.5	700	N			L	200	L			10	200	20
4	789	41	2	1	1	.15	500	N			10	300	L			10	200	20
5	790	42	7	1	1.5	.7	700	N			L	100	N			20	700	15
6	791	43	5	2	2	.5	700	N			L	200	N			20	300	20
7	792	44	3	1	.7	.2	700	N			20	300	L			10	100	30
8	793	46	3	.7	.15	.15	300	N			20	300	L			10	70	20
9	794	47	3	.7	.2	.5	300	N			20	300	L			10	70	30
10	795	50A	3	.7	.7	.3	500	N			15	200	L			10	70	20
11	796	51A	5	1	1.5	.5	1500	N			L	150	N			20	30	30
12	797	52A	7	2	2	.7	1000	N			10	100	N			20	70	20
13	798	53A	5	.7	.7	.15	500	N			20	200	L			20	100	30
14	799	54A	5	.7	.7	.2	700	N			30	300	L			15	70	50
15	800	55A	5	1	.15	.3	1000	N			50	300	L			30	150	70
16	801	56A	10	1	.1	1	300	L			50	500	L			10	150	70
17	802	57A	5	1	.2	.5	700	N			50	500	L			15	150	30
18	803	58A	3	.7	.3	.3	500	N			30	300	L			15	150	20
19	804	59A	5	1	.2	.5	700	N			50	500	L			20	150	30
20	805	60A	7	.7	.1	.3	700	N			30	300	L			20	150	50
21	806	61A	3	1.5	2	.3	500	N			L	200	L			20	200	15
22	807	62A	3	.7	.7	.3	500	N			30	300	L			15	70	30
23	808	63A	3	.7	1	.3	300	N	↓	↓	20	300	L	↓	↓	7	100	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-151-D ANALYST J. Matooka Sheet #7

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	787	Days 39	N		N	70	N	-	-		7		500	-	-	150		L	N	70
3	788	Creek 40	N		N	70	N	-	-		15		500	-	-	200		15	N	100
4	789	41	N		N	100	L	-	-		7		300	-	-	100		L	N	70
5	790	42	N		N	100	N	-	-		20		300	-	-	300		20	N	100
6	791	43	N		N	100	N	-	-		20		300	-	-	200		20	N	70
7	792	44	30		N	50	10	-	-		15		200	-	-	200		10	N	70
8	793	46	N		N	30	L	-	-		7		150	-	-	150		L	N	70
9	794	47	N		N	30	10	-	-		7		150	-	-	150		L	N	150
10	795	50A	N		N	30	20	-	-		15		150	-	-	150		10	N	50
11	796	51A	N		N	10	N	-	-		20		200	-	-	300		15	N	70
12	797	52A	N		N	15	N	-	-		30		300	-	-	300		15	N	150
13	798	53A	N		N	50	10	-	-		15		L	-	-	200		10	N	70
14	799	54A	N		N	30	20	-	-		15		150	-	-	150		10	N	70
15	800	55A	20		10	150	20	-	-		15		L	-	-	200		20	N	150
16	801	56A	30		10	50	20	-	-		10		100	-	-	200		20	L	150
17	802	57A	L		N	100	15	-	-		20		100	-	-	200		15	L	150
18	803	58A	L		N	50	10	-	-		10		100	-	-	200		15	N	150
19	804	59A	20		10	70	20	-	-		15		100	-	-	200		20	L	150
20	805	60A	L		L	70	10	-	-		15		L	-	-	200		15	N	150
21	806	61A	N		L	100	L	-	-		10		500	-	-	200		10	N	50
22	807	62A	L		L	30	10	-	-		10		300	-	-	200		10	N	100
23	808	63A	L	↓	L	30	10	-	-	↓	7	↓	300	-	-	200	↓	10	N	150
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-158-D 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 5/24/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	7	.7	1500	N	N	N	10	150	N	N	N	50	200	150
2	ATF 809	Davis 64A	5	1	1.5	.7	1500				70	500	L			7	200	30
3	810	Creek 65A	5	1.5	3	.7	1000				L	150	L			15	500	15
4	811	66A	3	1	1.5	.5	700				L	300	L			10	500	15
5	812	67A	5	1	2	.5	700				L	300	L			7	200	20
6	813	68A	10	3	2	.5	1500				L	200	N			15	1500	20
7	814	69A	3	1.5	1.5	.2	500				L	200	L			10	500	15
8	815	70A	10	3	3	1	1000				15	200	N			30	700	50
9	816	71A	5	1.5	1.5	.3	700				15	200	N			15	700	20
10	817	72A	7	3	3	.7	1500				20	300	L			30	1000	30
11	818	73A	7	2	2	.5	1500				L	200	N			20	700	20
12	819	74A	3	.5	1	.1	300				L	150	N			5	30	10
13	820	75A	3	.3	1	.2	500				L	150	N			5	100	7
14	821	76A	1.5	.2	1.5	.1	300				L	200	L			L	10	5
15	822	77A	3	.5	1.5	.3	700				L	200	N			7	300	10
16	823	78A	3	.7	2	.3	700				L	200	N			10	150	10
17	824	79A	5	1	1.5	1	1000				L	150	N			15	100	15
18	825	80B	5	1	1	.5	1000				30	300	L			15	100	50
19	826	81A	5	1.5	1.5	.7	700	↓	↓	↓	50	300	N	↓	↓	30	150	30
20	827																	
21	828																	
22	829	85A	3	2	1.5	.2	1000	N	N	N	L	300	L	N	N	20	1500	15
23	830	86A	5	3	1.5	.3	1000	N	N	N	10	500	L	N	N	30	1000	30
24	ATF-831	82A	5	1.5	2	.5	1000	N	N	N	10	300	L	N	N	10	500	20

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-152-D ANALYST J. MOTOOKA Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	79-1	N	N	N	100	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	NIF-809	Days 64A	N		N	30	10	-	-		10		300	-	-	200		10	N	100
3	810	Creek 65A	N		N	150	L	-	-		15		700	-	-	300		10	N	200
4	811	66A	N		N	100	N	-	-		7		500	-	-	200		L	N	70
5	812	67A	N		N	100	N	-	-		10		500	-	-	200		L	N	150
6	813	68A	N		N	150	N	-	-		15		200	-	-	200		10	L	100
7	814	69A	N		L	100	N	-	-		10		500	-	-	150		L	N	100
8	815	70A	N		L	150	N	-	-		30		300	-	-	200		30	N	150
9	816	71A	N		N	150	N	-	-		10		500	-	-	200		10	N	150
10	817	72A	N		N	200	N	-	-		30		500	-	-	300		20	N	200
11	818	73A	N		N	150	N	-	-		20		500	-	-	300		15	N	200
12	819	74A	N		N	10	L	-	-		5		300	-	-	100		L	N	70
13	820	75A	20		L	20	L	-	-		7		500	-	-	100		L	N	100
14	821	76A	N		L	5	L	-	-		5		500	-	-	70		L	N	70
15	822	77A	N		N	70	N	-	-		10		500	-	-	150		10	N	200
16	823	78A	N		N	30	N	-	-		10		500	-	-	200		10	N	200
17	824	79A	N		L	20	N	-	-		15		500	-	-	200		10	N	150
18	825	80A	N		L	50	10	-	-		20		200	-	-	200		20	N	200
19	826	81A	N	↓	L	100	L	-	-	↓	30	↓	150	-	-	300	↓	30	N	300
20	827							-	-					-	-					
21	828							-	-					-	-					
22	829	85A	N	N	N	300	N	-	-	N	15	N	300	-	-	150	N	L	N	150
23	830	86A	N	N	N	300	L	-	-	N	20	N	200	-	-	300	N	L	N	100
24	NIF-831	82A	N	N	N	200	N	-	-	N	10	N	500	-	-	200	N	10	N	100

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
-=Not looked for.

N=Not detected at limit of detection, or at value shown.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANT'' IVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-153-D
REPORT NO. AIF-1006

6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/2/68

SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	5	.5	1000	N	N	N	L	150	N	N	N	30	150	150
2	AIF-831	Davis Creek 87A	5	3	1	.2	700	N			10	300	L			30	1000	20
3	832	88A	5	1	1	.2	500	N			L	100	N			15	100	20
4	833	89A	7	2	2	.7	1000	L			L	200	L			20	1500	30
5	834	91M	3	.7	.7	.3	500	N			50	300	L			10	100	30
6	835	92M	3	1.5	1.5	.5	1000	N			15	200	L			15	700	20
7	836	93M	3	.7	.1	.3	500	L			50	300	L			10	150	30
8	837	94M	3	1.5	.7	.3	700	N			20	200	L			15	150	30
9	838	95M	3	.7	.15	.5	500	L			50	500	L			10	150	70
10	839	96M	3	1	.2	.5	500	N			70	500	1			10	150	70
11	840	97M	5	2	.5	.3	700	N			30	300	L			20	700	30
12	841	98M	5	3	1	.3	700	N			15	200	N			20	700	30
13	842	99M	5	3	.7	.2	700	N			70	300	N			30	1500	30
14	843	100M	7	1.5	1	.3	700	N			L	150	N			30	150	30
15	844	101M	7	1.5	1.5	.7	1000	N			20	200	L			20	150	50
16	845	102M	7	2	.7	.3	1500	N			30	300	L			30	1500	50
17	846	103M	3	.7	.15	.5	700	L			50	500	L			10	150	30
18	847	104M	3	1.5	.5	.3	700	N			20	300	L			30	1000	30
19	848	105M	3	.7	.1	.3	500	L			50	500	L			10	150	30
20	849	106M	5	1	.5	.3	700	N			30	300	L			15	300	30
21	850	107M	7	3	.7	.5	1500	N			20	500	L			70	G(5000)	50
22	851	108M	3	.7	.2	.3	300	N			30	300	L			5	200	20
23	852	109M	5	.7	.15	.5	500	N			30	500	L			10	150	70
24	AIF-828	84A	3	.7	.7	.2	500	N	↓	↓	10	500	L	↓	↓	7	150	15

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-153-D ANALYST J. Motooka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	N	-	-	N	30	N	150	-	-	300	N	20	N	100
2	AIF-831	DAVIS 87A	N		N	500	L	-	-		15		200	-	-	150		L	N	70
3	832	Creek 88A	N		N	30	N	-	-		20		100	-	-	200		10	N	30
4	833	89A	N		N	150	N	-	-		20		500	-	-	200		20	N	150
5	834	91M	N		N	50	10	-	-		15		100	-	-	200		10	N	150
6	835	92M	N		N	100	L	-	-		20		500	-	-	200		15	N	200
7	836	93M	L		N	30	10	-	-		10		100	-	-	200		15	L	150
8	837	94M	L		N	50	L	-	-		20		100	-	-	200		15	N	70
9	838	95M	L		10	50	20	-	-		20		100	-	-	200		20	N	150
10	839	96M	L		10	50	20	-	-		20		100	-	-	200		20	N	150
11	840	97M	N		N	150	10	-	-		15		L	-	-	200		15	N	100
12	841	98M	N		N	150	L	-	-		30		100	-	-	200		15	N	70
13	842	99M	N		N	200	L	-	-		15		L	-	-	200		10	N	100
14	843	100M	N		N	50	L	-	-		20		100	-	-	200		15	N	70
15	844	101M	N		N	70	L	-	-		20		100	-	-	300		20	N	150
16	845	102M	20		N	150	10	-	-		20		100	-	-	300		20	L	150
17	846	103M	20		N	30	20	-	-		10		L	-	-	200		20	N	200
18	847	104M	20		N	150	20	-	-		15		L	-	-	200		20	N	100
19	848	105M	20		L	70	20	-	-		10		100	-	-	200		15	L	150
20	849	106M	L		N	70	L	-	-		15		L	-	-	300		10	N	150
21	850	107M	N		N	300	10	-	-		20		100	-	-	300		15	N	100
22	851	108M	L		L	50	10	-	-		7		L	-	-	200		10	N	100
23	852	109M	L		N	50	10	-	-		20		L	-	-	200		10	N	200
24	AIF-828	84A	N	↓	N	50	L	-	-	↓	5	↓	200	-	-	150	↓	L	N	100

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-154-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/6/67

REPORT NO. FM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	10	.7	1500	N	N	N	L	150	N	N	N	50	200	150
2	SIF-353	Mays Creek 110	5	2	2	.5	700	N			10	200	N			15	300	20
3	854	111	5	1.5	2	.3	1000	N			15	300	N			15	500	50
4	855	112	3	1.5	3	.2	500	N			L	200	N			15	300	20
5	856	113	15	3	7	1	1500	N			L	300	N			50	500	70
6	857	114	7	1.5	1.5	.3	700	N			L	200	N			20	70	30
7	858	115	10	1.5	3	.7	1500	N			10	200	N			20	100	30
8	859	Dutchman Butte 1	5	3	1	.3	1000	L			30	300	L			30	5000	50
9	860	2	5	1	.2	.3	300	N			50	700	L			30	500	70
10	861	3	5	2	.5	.3	1000	N			50	300	L			30	2000	50
11	862	4	3	1	.7	.3	500	N			30	500	L			20	200	30
12	863	5	5	2	1	.3	700	N			30	300	L			30	1000	30
13	864	6	7	2	1.5	.5	1500	N			30	300	L			30	2000	30
14	865	7	3	2	1	.2	700	N			20	300	L			20	1500	30
15	866	8	15	7	1.5	.2	1500	N			20	200	N			100	G(5000)	70
16	867	9	3	1.5	1	.3	500	N			15	300	N			20	1500	20
17	868	10	15	7	1	.2	1500	N			20	150	N			100	G(5000)	30
18	869	11	10	3	.7	.5	1000	N			50	500	1			30	3000	30
19	870	12	15	2	.5	.3	1000	N			20	300	N			50	G(5000)	50
20	871	13	5	1.5	.7	.3	1500	N			70	700	1.5			30	700	30
21	872	14	5	1.5	1	.5	1000	N			30	300	L			30	1500	50
22	873	15	3	1.5	.5	.3	300	N			30	300	L			15	700	50
23	874	16	3	1.5	.5	.3	500	N			30	500	L			20	500	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-154-D ANALYST J. Mezzacka Sheet #?

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	N	-	-	N	30	N	150	-	-	500	N	20	N	100
2	[illegible]	Days Creek 110			N	100	N	-	-		15		300	-	-	300		15	N	70
3	854	111			N	70	N	-	-		20		200	-	-	300		15	N	100
4	855	112			N	70	N	-	-		10		300	-	-	200		10	N	50
5	856	113			L	150	N	-	-		30		200	-	-	500		30	N	100
6	857	114			N	15	N	-	-		20		150	-	-	300		15	N	50
7	858	115			N	15	N	-	-		30		200	-	-	500		20	N	70
8	859	Dutchman Butte 1			N	200	10	-	-		15		100	-	-	200		15	N	150
9	860	2			N	100	15	-	-		20		L	-	-	200		15	N	100
10	861	3			N	200	10	-	-		20		L	-	-	200		15	N	70
11	862	4			N	50	L	-	-		15		150	-	-	200		10	N	100
12	863	5			N	150	10	-	-		15		100	-	-	150		10	N	70
13	864	6			N	150	L	-	-		20		150	-	-	300		15	N	100
14	865	7			N	150	N	-	-		15		100	-	-	200		10	N	70
15	866	8			N	1000	N	-	-		20		100	-	-	300		15	L	50
16	867	9			N	100	N	-	-		15		150	-	-	300		10	N	70
17	868	10			N	1500	N	-	-		20		L	-	-	300		10	L	30
18	869	11			N	150	15	-	-		20		100	-	-	200		20	N	200
19	870	12			N	300	10	-	-		15		100	-	-	300		15	200	150
20	871	13			N	70	10	-	-		20		150	-	-	200		15	N	150
21	872	14			N	150	10	-	-		15		150	-	-	200		15	N	150
22	873	15			N	50	15	-	-		15		100	-	-	150		15	N	150
23	874	16	↓	↓	N	70	10	-	-	↓	15	↓	100	-	-	200	↓	15	N	150
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-155-D 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 5/6/68

REPORT NO HA-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	YH-1	10	5	10	.7	1500	N	N	N	L	200	N	N	N	50	150	100
2	AEF-875	# 17	3	3	.7	.5	1000	N			50	500	1.5			20	700	50
3	876	18	2	1	.2	.3	700	N			30	300	1			10	300	20
4	877	19	3	1	.3	.3	500	N			20	300	L			15	1000	30
5	878	20	2	.7	.2	.2	700	N			20	300	1			10	100	20
6	879	21	3	1	.2	.2	500	N			30	500	L			20	150	30
7	880	22	3	.7	.5	.3	300	N			50	500	1			10	70	15
8	881	23	2	.5	.3	.15	500	N			15	300	L			5	70	20
9	882	24	5	1	.1	.3	500	N			50	300	L			15	100	30
10	883	25	2	1	.5	.2	700	L			30	700	1			10	100	30
11	884	26	5	1.5	.7	.3	700	N			50	300	1			20	200	50
12	885	27	5	1.5	1.5	.3	1000	N			30	300	L			20	500	50
13	886	28	3	.7	.5	.3	700	N			20	500	L			7	70	30
14	887	29	2	.5	.3	.2	300	N			20	300	L			7	50	20
15	888	30	2	.7	.2	.2	500	N			20	300	L			7	100	20
16	889	31	5	1	.5	.3	700	N			50	500	1			15	200	20
17	890	32	3	2	.3	.2	500	N			30	300	L			20	500	20
18	891	33	7	1.5	.07	.3	2000	N			70	700	1.5			30	150	100
19	892	34	3	.7	.2	.3	500	N			30	500	L			15	70	20
20	893	35	2	.7	.15	.3	500	N			30	300	L			10	70	20
21	894	36	2	.7	.2	.3	500	N			20	500	1			7	70	20
22	895	37	3	.7	.3	.3	1000	N			30	700	1			15	100	50
23	896	38	2	.7	.3	.3	300	N	↓	↓	30	300	L	↓	↓	7	100	30
24																		

Dutchman Tba He

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-66-D ANALYST J. Motooka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AJE-875	#17	N			150	10	-	-		15		100	-	-	150		15	N	70
3	876	18	L			50	10	-	-		10		100	-	-	100		15	N	100
4	877	19	L			50	L	-	-		15		100	-	-	150		15	N	300
5	878	20	L			50	L	-	-		10		100	-	-	100		10	N	100
6	879	21	N			50	15	-	-		10		100	-	-	200		15	N	70
7	880	22	L			30	L	-	-		15		200	-	-	150		15	N	200
8	881	23	L			20	10	-	-		10		100	-	-	100		10	N	200
9	882	24	L			50	10	-	-		15		L	-	-	200		15	N	100
10	883	25	20			30	15	-	-		10		150	-	-	150		20	N	100
11	884	26	L			70	15	-	-		20		100	-	-	200		15	N	100
12	885	27	L			70	10	-	-		20		200	-	-	200		15	L	100
13	886	28	L			30	10	-	-		10		150	-	-	150		15	N	150
14	887	29	L			30	L	-	-		10		150	-	-	150		10	N	100
15	888	30	L			30	L	-	-		10		100	-	-	150		15	N	100
16	889	31	L			50	L	-	-		15		100	-	-	200		15	N	150
17	890	32	N			200	L	-	-		10		100	-	-	150		10	N	70
18	891	33	L			100	20	-	-		20		100	-	-	300		30	L	100
19	892	34	L			30	L	-	-		10		100	-	-	150		10	N	100
20	893	35	L			30	10	-	-		10		100	-	-	150		10	N	100
21	894	36	L			20	L	-	-		10		100	-	-	150		10	N	150
22	895	37	L			50	20	-	-		15		200	-	-	150		15	N	70
23	896	38	L	↓	↓	30	L	-	-	↓	10	↓	100	-	-	150	↓	10	N	70
24								-	-					-	-					

Dutchman Butte

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
-=Not looked for.

N=Not detected at limit of detection, or at value shown.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-156-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/2/6K

REPORT NO MM-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	10	5	7	.7	1000	N	N	N	L	150	N	N	N	50	150	150
2	AIF-897	39	7	1.5	1.5	.7	700				30	300	N			15	500	70
3	898	40	7	1	.7	.3	700				50	300	L			15	150	50
4	899	41	7	1.5	1.5	.5	700				50	300	N			20	1500	30
5	900	42	5	1.5	1	.3	700				30	300	L			15	700	30
6	901	43	5	.7	.5	.3	500				30	500	1			10	150	30
7	902	44	5	.7	1	.5	700				30	300	L			15	700	30
8	903	45A	5	.7	.3	.3	1500				70	500	1.5			15	100	50
9	904	46A	3	.7	.5	.3	700				50	500	L			10	150	30
10	905	47A	3	.5	.2	.3	700				50	500	L			20	70	30
11	906	48A	3	.5	.3	.2	500				50	300	L			7	150	20
12	907	49A	5	.7	.3	.5	1000				30	700	N			10	70	30
13	908	50A	5	1	.7	.3	700				50	500	L			15	100	50
14	909	51A	3	.7	.15	.5	700				50	500	L			15	100	50
15	910	52A	5	.7	.5	.3	700				70	500	L			15	150	50
16	911	53A	3	.7	.5	.5	1000				50	300	L			15	300	70
17	912	54A	5	2	1	.5	1500				70	300	L			20	500	70
18	913	55A	3	1.5	.7	.3	1000				50	300	L			20	300	50
19	914	56A	10	5	1.5	.3	2000				L	200	N			150	G(5000)	70
20	915	57A	7	3	1.5	.3	1000				L	700	N			30	2000	70
21	916	58A	3	.5	.15	.2	500				20	300	N			5	70	20
22	917	59A	3	.5	.2	.3	700				30	300	L			5	100	20
23	918	60A	3	.5	.15	.3	500	↓	↓	↓	20	300	L	↓	↓	5	70	20
24																		

Dirt bags for the

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-156-D ANALYST J. Motooka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	896	39			N	100	10	-	-		20		200	-	-	300		15	L	100
3	898	40			N	70	10	-	-		15		100	-	-	200		10	N	100
4	899	41			N	150	L	-	-		20		200	-	-	300		15	N	150
5	900	42			N	100	10	-	-		15		200	-	-	200		15	N	100
6	901	43			N	50	20	-	-		10		100	-	-	150		15	N	150
7	902	44			N	70	15	-	-		20		150	-	-	200		15	N	200
8	903	45A			N	50	30	-	-		20		100	-	-	150		20	N	70
9	904	46A			N	50	15	-	-		10		100	-	-	150		10	N	200
10	905	47A			N	30	15	-	-		10		L	-	-	100		10	N	300
11	906	48A			N	30	10	-	-		10		L	-	-	100		10	N	200
12	907	49A			N	30	N	-	-		10		L	-	-	200		L	N	200
13	908	50A			N	30	20	-	-		20		150	-	-	200		15	N	150
14	909	51A			N	30	15	-	-		20		L	-	-	200		15	N	150
15	910	52A			N	50	30	-	-		20		150	-	-	200		20	N	150
16	911	53A			N	50	30	-	-		20		100	-	-	200		15	N	150
17	912	54A			N	70	10	-	-		30		100	-	-	300		15	N	100
18	913	55A			10	100	20	-	-		20		L	-	-	200		10	N	100
19	914	56A			N	1000	N	-	-		30		150	-	-	300		10	300	30
20	915	57A			N	300	N	-	-		30		150	-	-	300		15	N	50
21	916	58A			N	30	N	-	-		7		L	-	-	200		L	N	70
22	917	59A			L	20	10	-	-		7		100	-	-	150		10	N	200
23	918	60A	↓	↓	L	20	10	-	-	↓	5	↓	L	-	-	150	↓	L	N	300
24								-	-					-	-					

Dutchman Butte

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-157-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/5/66

REPORT NO HM-1004 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIF-919	61A	3	.7	.3	.3	500				20	500	L			7	150	30
3	920	62A	3	1	.5	.3	1000				30	700	1			10	100	30
4	921	63A	2	.7	.3	.2	500				15	500	1			5	70	20
5	922	64A	3	.7	.1	.3	300				30	300	L			20	100	30
6	923	65A	3	2	.3	.3	1000				50	500	1			20	700	50
7	924	66A	7	1.5	.2	.5	1000				70	700	1			20	150	50
8	925	67A	3	1	.3	.2	500				30	700	L			10	150	30
9	926	68A	5	1	.2	.5	1000				70	700	1			20	150	70
10	927	69A	3	1	.3	.3	500				50	700	1			15	100	50
11	928	70A	3	1	.2	.3	1000				50	500	L			15	150	50
12	929	71A	5	1	.15	.3	700				30	500	L			20	150	30
13	930	72A	3	.7	.3	.3	700				50	300	L			15	150	20
14	931	73A	5	1	.3	.5	1500				70	500	1			15	150	70
15	932	74A	7	1.5	.1	.5	1000				70	700	1			20	150	70
16	933	75A	3	1	.3	.3	1500				50	500	1.5			15	150	50
17	934	76A	3	1.5	.5	.3	300				30	300	L			20	100	30
18	935	77A	3	2	.5	.3	500				30	300	N			20	1500	30
19	936	78A	3	2	1	.3	1000				30	300	L			15	1000	50
20	937	79A	5	1.5	2	.3	1000				30	300	L			15	2000	30
21	938	80A	3	1	.3	.3	1000				30	300	1			20	300	30
22	939	81A	2	.7	.7	.3	500				20	300	L			15	1500	20
23	940	82A	5	1	1	.5	1000	V	V	V	70	200	L	V	V	20	1000	30
24																		

Ditchman Butte

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-157-D ANALYST J. MOTOOKA Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIF-39	61A	L		N	30	10	-	-		10		100	-	-	150		L	N	200
3	920	62A	L		N	50	10	-	-		15		150	-	-	200		10	N	150
4	921	63A	L		N	30	L	-	-		10		150	-	-	100		10	N	200
5	922	64A	20		N	30	15	-	-		10		N	-	-	200		20	N	100
6	923	65A	L		N	100	20	-	-		15		100	-	-	200		15	N	100
7	924	66A	L		10	70	20	-	-		20		100	-	-	300		20	L	150
8	925	67A	L		N	30	15	-	-		15		150	-	-	150		10	N	100
9	926	68A	L		N	70	20	-	-		20		100	-	-	300		20	L	200
10	927	69A	20		N	50	15	-	-		20		100	-	-	200		15	L	100
11	928	70A	L		N	50	20	-	-		10		L	-	-	200		15	L	70
12	929	71A	L		N	50	15	-	-		15		L	-	-	200		15	N	150
13	930	72A	L		N	70	L	-	-		15		100	-	-	200		10	N	100
14	931	73A	L		N	70	20	-	-		15		100	-	-	200		20	L	150
15	932	74A	L		L	70	20	-	-		20		N	-	-	300		20	L	150
16	933	75A	L		N	50	20	-	-		15		150	-	-	150		15	N	150
17	934	76A	N		N	150	10	-	-		15		150	-	-	200		15	N	100
18	935	77A	N		N	150	L	-	-		15		150	-	-	200		10	N	100
19	936	78A	N		N	100	L	-	-		15		200	-	-	150		15	N	70
20	937	79A	N		N	150	N	-	-		15		200	-	-	200		15	N	100
21	938	80A	N		N	70	L	-	-		10		L	-	-	150		15	N	100
22	939	81A	N		N	100	L	-	-		7		150	-	-	100		10	N	70
23	940	82A	L	↓	N	200	L	-	-	↓	20	↓	100	-	-	200	↓	15	N	70
24		83A						-	-					-	-					

Dutchman Butte

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference
--=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-158-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/7/68

REPORT NO HAN-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	10	.7	1500	N	N	N	L	200	N	N	N	50	700	100
2	AIF-941	83A	5	1.5	.5	.5	700				20	300	L			30	500	30
3	942	84A	2	.7	.3	.3	300				15	300	L			7	700	7
4	943	85A	10	5	2	.5	1000				20	300	L			50	3000	50
5	944	86A	7	3	1.5	.5	1000				10	200	L			50	G(500)	30
6	945	87A	10	5	2	.5	1500				20	300	L			70	G(500)	70
7	946	88A	10	5	2	.3	1500				20	300	L			50	2000	50
8	947	89A	5	1.5	.5	.3	700				20	300	L			15	700	30
9	948	90A	3	.7	.5	.3	300				15	300	N			10	700	20
10	949	91A	3	1	.3	.3	300				15	300	L			10	700	30
11	950	92A	3	1	.2	.2	300				10	300	N			10	700	20
12	951	93A	3	1.5	.3	.3	700				20	300	L			15	1000	30
13	952	94A	5	1.5	.2	.3	300				30	300	L			15	700	50
14	953	95A	5	1.5	.3	.5	200				30	300	L			10	2000	50
15	954	96A	5	1.5	.7	.5	500				20	500	L			15	1500	30
16	955	97A	7	2	.5	.5	1500				50	500	L			20	700	70
17	956	98A	5	1	.5	.3	1000				20	300	L			10	1500	30
18	957	99A	5	1	.5	.7	700				20	300	L			15	2000	30
19	958	100A	5	1	.7	.3	700				20	300	L			15	700	30
20	959	101A	5	1	.3	.3	300				15	300	N			15	700	30
21	960	102A	5	1	.3	.3	1000				50	500	1.5			10	100	30
22	961	103A	5	1	.3	.5	700				50	500	1			7	150	30
23	962	Galvez #1	7	3	3	.7	1500	↓	↓	↓	L	100	N	↓	↓	50	1500	70
24																		

Dutchman Butte

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-158-D ANALYST J. Motooka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	VV-1	N	N	N	100	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIC-941	83A	N			150	L	-	-		15		100	-	-	150		10		70
3	942	84A	N			50	N	-	-		7		100	-	-	100		L		50
4	943	85A	N			500	L	-	-		20		100	-	-	300		15		70
5	944	86A	20			500	N	-	-		20		100	-	-	300		15		100
6	945	Dutchmen Butte 87A	N			700	L	-	-		30		100	-	-	500		15		70
7	946	88A	N			700	10	-	-		20		150	-	-	200		15		50
8	947	89A	L			100	15	-	-		15		150	-	-	200		15		150
9	948	90A	N			70	L	-	-		10		100	-	-	150		10		150
10	949	91A	L			100	10	-	-		15		100	-	-	150		10		100
11	950	92A	N			100	N	-	-		7		L	-	-	150		L		50
12	951	93A	N			100	10	-	-		10		100	-	-	150		10		150
13	952	94A	N			100	10	-	-		15		L	-	-	200		15		70
14	953	95A	N			100	L	-	-		20		100	-	-	200		15		200
15	954	96A	N			100	L	-	-		20		150	-	-	200		15		200
16	955	97A	N			150	10	-	-		20		150	-	-	200		15		70
17	956	98A	N			100	L	-	-		15		100	-	-	150		15		200
18	957	99A	N			70	L	-	-		15		100	-	-	150		10		200
19	958	100A	N			50	N	-	-		10		100	-	-	150		10		100
20	959	101A	N			70	L	-	-		10		100	-	-	150		15		100
21	960	102A	N			50	L	-	-		15		100	-	-	150		15		70
22	961	103A	N			30	L	-	-		10		100	-	-	150		10		200
23	962	Gate #1	N	↓	↓	500	N	-	-	↓	20	↓	200	-	-	500	↓	20	↓	70
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-159-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 5/7/68

REPORT NO HW-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	10	.7	1500	N	N	N	L	150	N	N	N	50	150	100
2	957-963	Gatue # 2	7	3	3	.3	1500	N			10	100	N			70	5000	70
3	964	3	5	3	3	.2	1000	N			L	70	N			50	1500	50
4	965	4	10	5	5	.2	1500	N			10	70	N			100	5000	50
5	966	5	10	3	1.5	.3	1500	N			10	150	N			100	5000	50
6	967	6	3	1	.3	.3	1000	L			50	300	1.5			10	100	70
7	968	7	5	1	.2	.3	1500	L			50	300	1			15	150	70
8	969	8	1.5	.5	.5	.2	500	L			10	200	1			5	20	20
9	970	9	3	.7	.5	.3	1500	.7			50	300	2			15	70	70
10	971	10	3	1	.5	.3	1500	L			70	300	1.5			15	100	70
11	972	11	3	.7	.15	.2	2000	N			50	300	1			15	70	70
12	973	12	3	.5	.7	.2	1000	N			15	200	L			7	50	30
13	974	13	5	1	1	.3	1500	L			50	300	1.5			15	150	70
14	975	14	10	2	3	.7	1500	N			15	200	L			30	500	100
15	976	15	10	3	5	.3	1000	N			L	50	N			30	700	70
16	977	16	15	1.5	5	1	1500	N			15	100	N			30	700	70
17	978	17	10	3	10	1	1500	N			L	100	L			30	500	70
18	979	18	15	2	5	G(1)	2000	N			10	150	L			50	700	100
19	980	19	10	3	7	G(1)	1500	N			L	100	L			50	500	50
20	981	20	10	3	3	1	1500	N			15	300	L			50	2000	70
21	982	21	15	5	7	.5	1500	N			L	50	N			70	1500	70
22	983	22	7	3	3	.2	1500	N			L	200	N			30	1500	100
23	984	23	15	3	3	.2	1500	N			L	200	N			30	200	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-159-D ANALYST J. Matsuoka Sheet #2

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIF-963	Gulue #2	N		N	700	30	-	-		30		150	-	-	300		15	N	30
3	964	3	N		N	700	N	-	-		20		100	-	-	200		10	N	30
4	965	4	N		N	1000	N	-	-		30		100	-	-	200		10	N	30
5	966	5	N		N	700	N	-	-		20		100	-	-	200		15	L	50
6	967	6	L		N	50	10	-	-		15		L	-	-	150		15	L	70
7	969	7	L		N	50	15	-	-		20		L	-	-	200		20	L	100
8	969	8	L		N	15	10	-	-		10		100	-	-	100		15	N	50
9	970	9	L		N	50	15	-	-		20		100	-	-	200		20	N	100
10	971	10	L		N	70	20	-	-		20		100	-	-	200		15	N	100
11	972	11	20		N	50	10	-	-		15		100	-	-	200		15	L	70
12	973	12	N		N	20	L	-	-		15		100	-	-	150		10	N	70
13	974	13	L		N	50	15	-	-		20		100	-	-	200		20	N	100
14	975	14	L		N	70	L	-	-		30		150	-	-	300		30	N	100
15	976	15	N		N	150	N	-	-		20		150	-	-	300		15	N	20
16	977	16	N		N	100	N	-	-		30		200	-	-	500		30	N	150
17	978	17	N		N	150	N	-	-		50		300	-	-	300		30	N	100
18	979	18	N		15	150	L	-	-		30		200	-	-	500		30	N	150
19	980	19	N		10	200	N	-	-		30		300	-	-	300		20	N	70
20	981	20	L		20	300	10	-	-		20		200	-	-	300		20	N	200
21	982	21	N		N	150	N	-	-		50		150	-	-	500		15	N	30
22	983	22	N		N	200	N	-	-		30		200	-	-	300		10	N	20
23	984	23	N	↓	N	70	N	-	-	↓	50	↓	200	-	-	500	↓	10	N	50
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
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SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 3-160-D 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 5/8/68

REPORT NO HR-1006 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	10	.7	1500	N	N	N	L	150	N	N	N	50	200	100
2	REF-995	#24	7	3	5	.3	1500				L	100	N			50	3000	70
3	998	25	3	1	1.5	.2	1000				L	700	1			5	50	30
4	997	26	10	2	2	.7	1500				15	200	N			50	1500	100
5	998	27	5	1	.5	.3	1000				L	300	N			20	200	70
6	999	28	7	.7	.3	.3	700				L	200	N			30	150	70
7	990	29	3	1	1	.3	1000				20	300	L			15	300	30
8	991	30	3	.7	1.5	.3	700				15	200	L			7	700	30
9	992	31	5	1	.5	.5	1500				50	500	1			15	200	70
10	993	32	3	.7	.5	.3	1500				50	500	1.5			7	100	70
11	994	33	5	.7	.7	.5	1500				30	300	L			20	1000	30
12	995	34	5	1.5	2	.5	700				10	100	N			20	300	50
13	996	35	5	1.5	3	.3	1000				15	200	N			15	150	100
14	997	36	10	3	7	.7	1000				L	100	N			30	1000	50
15	998	37	7	1.5	2	.7	1500				30	300	L			20	1500	70
16	999	38	10	2	7	.7	1500				L	100	N			20	300	70
17	REF-001	39	2	.5	1.5	.1	300				L	70	N			7	50	70
18	002	40	5	1	1.5	.3	1000				L	500	1			5	30	30
19	003	41	7	2	1.5	.3	1000				20	300	L			15	700	100
20	004	42	3	1	.5	.3	1000				30	300	1			10	70	50
21	005	43	5	2	3	.7	1500				20	300	L			20	500	50
22	006	44	15	3	5	.7	1500				10	150	N			30	500	70
23	007	45	10	2	1.5	1	1500	↓	↓	↓	20	500	L	↓	↓	20	300	100
24																		

Galilee Quad

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-160-D ANALYST J. Motooka Sheet #2

GALICE QUAD

	TAG NO.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////		N	N	N	100	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIF-995	24				300	N	-	-		30	N	100	-	-	200		10		20
3	996	25				20	N	-	-		10	N	200	-	-	100		10		30
4	997	26				300	L	-	-		30	N	100	-	-	300		20		100
5	998	27				100	L	-	-		30	N	L	-	-	200		15		50
6	999	28				100	L	-	-		30	N	N	-	-	300		15		70
7	991	29				50	L	-	-		15	N	100	-	-	150		10		50
8	991	30				50	10	-	-		15	N	100	-	-	150		10		30
9	992	31				70	10	-	-		20	N	100	-	-	200		15		100
10	993	32				30	10	-	-		15	N	100	-	-	150		15		70
11	994	33				50	L	-	-		15	N	100	-	-	200		15		100
12	995	34				70	N	-	-		20	70	100	-	-	200		15		50
13	996	35				30	70	-	-		30	N	150	-	-	200		15		30
14	997	36				200	N	-	-		30	N	150	-	-	300		20		50
15	995	37				70	L	-	-		20	N	150	-	-	300		15		150
16	999	38				100	N	-	-		30	N	200	-	-	300		20		70
17	AIG-001	39				10	10	-	-		10	N	N	-	-	300		L		N
18	002	40				20	L	-	-		15	N	100	-	-	70		30		150
19	003	41				150	10	-	-		20	N	100	-	-	200		15		70
20	004	42				30	L	-	-		15	N	100	-	-	150		10		70
21	005	43				100	L	-	-		30	N	100	-	-	200		20		70
22	006	44			↓	150	N	-	-		30	N	150	-	-	300		30		70
23	007	45	↓	↓	20	100	15	-	-	↓	20	N	100	-	-	300	↓	20	↓	70
24								-	-					-	-					

REMARKS: G=Greater than 10%, or greater than value shown.
H=Interference

-=Not looked for.

N=Not detected at limit of detection, or at value shown
L=Detected, but below limit of determination, or below value shown.
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SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-161-D 6 Step D. C. Arc REQUESTED BY R. Bowan DATE 5/8/68

REPORT NO AW-1066 SHEET #1

	TAG NO.	FIELD NO	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111-	W-1	15	3	10	.7	1500	N	N	N	L	150	N	N	N	50	200	200
2	AG 008	Gatlee 46	7	2	1.5	.5	700	N	N	N	50	300	L	N	N	15	700	100
3	009	47	3	.7	.5	.3	500	N	N	N	20	500	1	N	N	5	100	30
4																		
5																		
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22																		
23																		
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0 1, etc.

FILM NO. 2-161-D
REPORT NO. HM-1006

ANALYST J. Motook p

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	N	-	-	N	30	N	150	-	-	500	N	20	N	70
2	[illegible]	Gatlin 46	N	N	N	150	L	-	-	N	20	N	100	-	-	150	N	15	N	70
3	[illegible]	47	L	N	N	30	10	-	-	N	10	N	150	-	-	150	N	15	N	50
4								-	-					-	-					
5								-	-					-	-					
6								-	-					-	-					
7								-	-					-	-					
8								-	-					-	-					
9								-	-					-	-					
10								-	-					-	-					
11								-	-					-	-					
12								-	-					-	-					
13								-	-					-	-					
14								-	-					-	-					
15								-	-					-	-					
16								-	-					-	-					
17								-	-					-	-					
18								-	-					-	-					
19								-	-					-	-					
20								-	-					-	-					
21								-	-					-	-					
22								-	-					-	-					
23								-	-					-	-					
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-187-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/18/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	10	.7	2000	N	N	N	L	200	N	N	N	50	200	150
2	AI6-010		7	1.5	1.5	.5	700	N			50	700	1			7	150	50
3	011		15	3	10	.7	1500	N			15	150	N			50	1000	70
4	012		15	3	7	1	1500	N			30	500	N			50	1000	100
5	013		10	2	.7	.5	1500	L			50	700	1			20	300	70
6	014		10	2	.7	.7	1500	L			70	700	1			20	700	100
7	015		15	3	.7	.7	3000	L			70	1000	1			30	3000	150
8	016		15	5	1	.7	2000	L			70	1000	1			50	1500	150
9	017		10	2	.7	.7	1500	L			70	1000	1			15	150	70
10	018		15	3	3	.7	1500	N			70	700	L			30	700	70
11	019		15	3	2	.7	1500	1			100	700	1			20	300	100
12	020		15	3	3	.7	1500	N			70	700	L			50	1000	70
13	021	GALICE QUAD	15	3	2	.5	1500	N			50	500	L			50	2000	70
14	022		15	3	5	1	2000	N			30	700	L			30	500	70
15	023		15	7	7	1	2000	N			30	500	L			70	700	70
16	024		10	2	5	.5	1500	N			10	700	L			30	200	100
17	025		15	1.5	5	.7	1500	N			10	700	N			20	200	100
18	026		15	2	1	.5	1500	N			30	1000	N			20	100	150
19	027		15	1.5	2	.5	1500	N			30	700	L			20	150	100
20	028		15	3	1.5	.7	2000	N			20	500	N			20	70	200
21	029		20	5	3	1	1500	N			30	300	N			70	1000	100
22	030		10	1.5	.5	.5	1500	N			70	700	L			10	150	70
23	031		20	7	7	1	2000	N	↓	↓	20	200	N	↓	↓	100	1000	100
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-187-D
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIG-010		N		N	50	15	-	-		15		150	-	-	150		15	N	100
3	011	49	N		N	150	N	-	-		30		300	-	-	500		30	N	100
4	012	50	N		N	150	N	-	-		30		300	-	-	300		30	N	150
5	013	51	N		10	100	20	-	-		20		100	-	-	200		20	L	150
6	014	52	50		10	150	20	-	-		20		100	-	-	200		30	L	150
7	015	53	N		10	200	50	-	-		30		L	-	-	300		50	L	150
8	016	54	N		N	300	20	-	-		30		100	-	-	300		30	L	100
9	017	55	N		10	70	20	-	-		20		100	-	-	200		30	N	150
10	018	56	N		L	150	10	-	-		30		200	-	-	300		30	N	150
11	019	57	30		10	100	30	-	-		30		200	-	-	300		30	N	150
12	020	58	N		10	200	20	-	-		20		150	-	-	300		30	N	150
13	021	59	N		N	300	10	-	-		30		150	-	-	300		30	N	150
14	022	60	N		N	100	10	-	-		30		200	-	-	300		30	200	150
15	023	61	N		10	300	N	-	-		30		300	-	-	300		50	N	150
16	024	62	L		N	70	10	-	-		30		300	-	-	300		20	N	100
17	025	63	N		N	50	L	-	-		30		300	-	-	300		30	N	100
18	026	64	N		N	30	30	-	-		30		200	-	-	300		20	500	100
19	027	65	N		N	50	20	-	-		30		300	-	-	300		30	N	100
20	028	66	N		N	50	50	-	-		30		200	-	-	500		30	300	100
21	029	67	N		10	200	N	-	-		30		150	-	-	700		50	N	150
22	030	68	N		N	70	10	-	-		20		L	-	-	200		20	N	150
23	031	69	N	↓	N	500	N	-	-	↓	50	↓	200	-	-	500	↓	50	N	150
24								-	-					-	-					

GALICE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-189-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/12/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.5	1000	N	N	N	L	100	N	N	N	30	150	70
2	AIG-032	70	10	3	3	.7	1500				30	200	L			20	300	50
3	033	71	10	1.5	.5	.3	2000				50	300	L			10	150	70
4	034	72	10	5	1	.3	700				L	50	N			50	700	50
5	035	73	5	1	.2	.2	700				50	300	L			7	100	50
6	036	74	10	3	2	.3	700				10	150	N			20	300	70
7	037	75	10	3	2	.7	700				L	150	N			30	700	30
8	038	76	10	2	1.5	1	700				L	150	N			20	150	70
9	039	77	15	3	2	1	1000				10	200	N			20	200	50
10	040	78	7	2	1.5	.3	1000				20	300	N			15	200	50
11	041	79	15	3	3	1	1000				10	150	N			30	5000	30
12	042	80	15	5	1.5	.15	700				L	20	N			50	G(5000)	20
13	043	81	10	5	5	.15	700				L	30	N			30	1500	30
14	044	82	10	5	5	.15	700				L	20	N			50	1500	30
15	045	83	10	5	5	.2	1000				L	70	N			50	1000	70
16	046	84	7	3	7	.15	700				L	100	N			15	500	50
17	047	Gacic	10	2	3	.3	700				15	200	N			20	500	30
18	048		7	1.5	.5	.3	700				50	300	L			10	200	50
19	049		5	1.5	.7	.2	700				30	300	L			7	150	30
20	050		5	1.5	.2	.2	500				30	500	L			7	150	30
21	051		7	1.5	.7	.3	700				30	300	L			7	150	50
22	052		5	1.5	.5	.3	700				50	500	1			7	150	50
23	053		5	1.5	.5	.3	700	↓	↓	↓	50	500	1	↓	↓	10	150	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-188-D
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	15	N	70
2	DIG-032	70	N		N	100	10	-	-		30		200	-	-	300		15	N	70
3	033	71	L		N	50	15	-	-		20		100	-	-	300		20	L	70
4	034	72	N		N	700	L	-	-		20		N	-	-	200		15	N	30
5	035	73	L		N	50	10	-	-		20		100	-	-	200		15	L	70
6	036	74	N		N	100	L	-	-		30		200	-	-	200		20	N	70
7	037	75	N		N	200	L	-	-		30		150	-	-	200		20	N	100
8	038	76	N		N	70	N	-	-		30		100	-	-	300		30	N	100
9	039	77	N		20	70	L	-	-		30		200	-	-	300		30	N	150
10	040	78	N		N	70	10	-	-		30		150	-	-	200		20	N	70
11	041	79	N		20	300	N	-	-		30		200	-	-	300		30	N	100
12	042	80	N		N	700	N	-	-		30		L	-	-	300		10	L	20
13	043	81	N		N	150	L	-	-		30		L	-	-	200		15	N	15
14	044	82	N		N	200	N	-	-		30		L	-	-	300		10	N	15
15	045	83	N		N	700	N	-	-		50		L	-	-	300		20	N	20
16	046	84	N		N	70	N	-	-		30		300	-	-	300		10	N	30
17	047	85	N		10	100	N	-	-		30		150	-	-	300		20	N	100
18	048	86	L		10	70	10	-	-		20		L	-	-	150		20	N	150
19	049	87	L		L	70	10	-	-		20		100	-	-	150		15	N	100
20	050	88	L		N	70	15	-	-		20		L	-	-	150		15	N	100
21	051	89	L		N	70	15	-	-		20		100	-	-	150		15	N	100
22	052	90	L		N	70	20	-	-		20		100	-	-	150		15	N	100
23	053	91	L		L	70	20	-	-		20		L	-	-	150		15	N	100
24								-	-					-	-					

GRAVICE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-189-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/18/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.5	1000	N	N	N	L	100	N	N	N	30	100	100
2	AIG-054	92	7	3	3	.5	1000				L	70	N			20	2000	70
3	055	93	15	3	3	.3	700				10	50	N			50	1000	200
4	056	94	3	1	.2	.2	700				30	200	L			7	100	30
5	057	95	10	2	2	.3	700				20	300	N			20	1000	70
6	058	96	5	1	.2	.2	700				30	500	L			10	100	30
7	059	97	5	1	.3	.2	700				30	500	L			10	150	30
8	060	98	10	2	2	.5	700				30	300	L			20	1000	70
9	061	99	7	2	1.5	.3	700				30	300	L			20	500	50
10	062	100	3	1.5	1	.2	700				30	300	L			7	150	30
11	063	101	10	5	5	.3	1000				10	100	N			30	1000	50
12	064	103	10	5	5	.3	1000				L	30	N			30	1500	50
13	065	104	10	5	5	.2	1000				L	20	N			20	1500	70
14	066	105	10	5	1	.5	1500				20	300	N			50	1500	50
15	067	106	10	3	3	.7	2000				L	100	N			50	200	70
16	068	107	10	2	1.5	.3	1000				20	200	N			20	200	70
17	069	108	10	3	5	.3	1000				L	50	N			50	1000	30
18	070	109	10	3	3	.7	1500				10	300	L			50	700	50
19	071	110	7	1.5	3	.3	1000				10	150	N			10	70	70
20	072	111	10	3	3	.5	1000				L	100	N			20	1000	50
21	073	112	5	1	10	.3	1000				L	300	L			5	20	50
22	074	113	5	1	.2	.3	700	↓			30	300	L			5	150	30
23	075	114	5	.7	.3	.3	2000	L	↓	↓	50	300	L	↓	↓	7	100	70
24																		

CALICO

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-189-D
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	200	N	20	N	70
2	AIG-054	92	N		N	150	N	-	-		30		200	-	-	300		15		20
3	055	93	N		N	200	N	-	-		30		100	-	-	500		10		10
4	056	94	20		N	50	15	-	-		15		L	-	-	150		15		70
5	057	95	L		N	100	10	-	-		30		150	-	-	300		20		70
6	058	96	20		10	70	20	-	-		20		L	-	-	150		15		100
7	059	97	20		10	70	15	-	-		15		100	-	-	150		20		100
8	060	98	N		10	70	10	-	-		20		150	-	-	300		15		70
9	061	99	N		L	70	L	-	-		20		100	-	-	200		15		100
10	062	100	L		N	70	15	-	-		15		150	-	-	150		15		100
11	063	101	N		N	150	L	-	-		30		200	-	-	300		15		50
12	064	103	N		N	300	N	-	-		30		150	-	-	300		15		30
13	065	104	N		N	100	N	-	-		30		100	-	-	300		10		15
14	066	105	N		N	500	N	-	-		20		100	-	-	300		20	L	100
15	067	106	N		N	150	L	-	-		30		100	-	-	300		20	N	70
16	068	107	N		L	100	20	-	-		30		150	-	-	300		20	N	100
17	069	108	N		N	100	N	-	-		50		N	-	-	300		10	N	10
18	070	109	20		30	100	10	-	-		30		300	-	-	200		30	N	150
19	071	110	N		N	10	10	-	-		30		300	-	-	200		20	N	30
20	072	111	N		10	100	N	-	-		30		200	-	-	300		30	N	70
21	073	112	20		N	5	10	-	-		20		300	-	-	150		20	N	100
22	074	113	20		10	20	15	-	-		20		L	-	-	150		20	N	100
23	075	114	20		N	50	15	-	-		20		100	-	-	150		20	L	70
24								-	-					-	-					

GRACE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-190-D
REPORT NO. HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 6/18/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	.7	1000	N	N	N	L	150	N	N	N	50	200	150
2	AIG-076		7	1.5	.7	.5	1500	L			50	500	L			10	150	70
3	077		10	1.5	.7	.3	1500	N			30	500	L			10	150	50
4	078		3	1.5	.5	.3	700	L			50	500	1			7	100	50
5	079		10	1.5	.3	.5	1000	L			50	500	1			10	150	70
6	080		5	.5	.3	.2	3000	L			30	300	L			15	70	50
7	081		5	1	.3	.3	2000	L			50	500	L			10	100	70
8	082		7	1	.3	.3	700	L			50	500	L			7	150	50
9	083		7	1.5	.3	.3	700	L			50	500	L			7	150	50
10	084		7	1.5	.3	.5	1000	.5			50	700	L			7	150	70
11	085		10	2	2	.5	1000	N			30	300	L			20	700	50
12	086		7	2	2	.5	1000	N			20	300	L			10	100	50
13	087		10	2	2	.5	1500	N			20	300	L			15	100	70
14	088		10	1.5	1	.3	1000	N			30	300	L			10	150	70
15	089		7	2	3	.5	1500	N			30	300	L			15	200	50
16	090		7	1.5	.7	.3	1000	N			50	500	L			20	5000	50
17	091		5	1.5	.3	.3	500	N			50	500	L			7	150	50
18	092		7	1.5	.15	.3	700	N			50	500	L			10	150	50
19	093		7	1.5	3	.3	700	N			30	300	L			7	500	30
20	094		10	3	5	.5	1500	N			20	200	N			30	1000	150
21	095		10	3	2	.5	700	N			50	500	L			15	300	50
22	096		10	3	3	.5	1000	N			30	500	L			20	300	70
23	097		5	1	1	.3	700	L			30	500	1			5	100	50
24																		

GALICE

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-190-D
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIG-076	115	20		N	50	10	-	-		20		100	-	-	150		20	N	100
3	077	116	L		L	60	15	-	-		20		100	-	-	150		15	N	100
4	078	117	20		N	50	15	-	-		20		100	-	-	150		20	N	100
5	079	118	20		N	70	15	-	-		20		100	-	-	300		20	N	100
6	080	119	20		N	50	15	-	-		15		100	-	-	150		20	N	70
7	081	120	L		N	70	20	-	-		20		100	-	-	200		20	L	70
8	082	121	30		10	50	20	-	-		20		100	-	-	150		30	N	100
9	083	122	30		L	70	20	-	-		20		100	-	-	200		20	N	100
10	084	123	L		N	50	30	-	-		20		100	-	-	150		20	N	150
11	085	124	L		N	100	15	-	-		30		100	-	-	200		30	N	150
12	086	125	N		N	50	10	-	-		30		200	-	-	200		20	N	100
13	087	126	N		N	70	10	-	-		30		300	-	-	200		20	N	200
14	088	127	N		N	50	15	-	-		30		100	-	-	200		20	N	100
15	089	128	N		N	70	20	-	-		30		200	-	-	150		30	N	100
16	090	129	N		N	70	10	-	-		20		100	-	-	200		20	L	100
17	091	130	N		N	50	10	-	-		20		L	-	-	150		20	N	150
18	092	131	20		N	50	L	-	-		20		100	-	-	150		20	N	150
19	093	132	20		N	50	10	-	-		20		300	-	-	150		20	N	100
20	094	133	N		N	70	10	-	-		30		200	-	-	200		15	N	50
21	095	134	L		N	100	15	-	-		20		200	-	-	200		20	N	150
22	096	135	N		N	100	L	-	-		20		150	-	-	200		20	N	150
23	097	136	20	↓	N	50	15	-	-	↓	15	↓	200	-	-	150	↓	15	N	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. D-191-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	VV-1	10	3	7	.7	1500	N	N	N	L	150	N	N	N	50	150	100
2	AIG-098		7	1	1	.3	700				30	1000	1			7	200	30
3	099		7	1	1	.5	1000				30	1000	L			7	300	30
4	100		7	1	1	.5	700				30	700	1			7	150	30
5	101		15	2	.1	.7	1000				100	700	2			20	200	70
6	102		7	1	.1	.5	700				70	700	1			10	150	70
7	103		7	.7	.3	.3	700				30	300	L			5	70	50
8	104		10	1.5	.7	.5	1500				30	500	L			15	150	50
9	105		10	1.5	1.5	1	1000				30	500	L			15	500	70
10	106		10	1.5	1	.5	1000				50	700	L			15	200	50
11	107		7	1.5	3	.3	700				20	500	L			10	200	50
12	108		10	2	5	.7	1000				10	500	N			20	700	50
13	109	GLACIER	15	3	5	1	1000				L	200	N			30	300	70
14	110		15	2	3	G(1)	1000				30	300	N			30	200	70
15	111		10	3	3	1	1000				20	300	N			30	1000	70
16	112		15	5	7	1	1000				10	100	N			50	2000	30
17	113		15	7	7	.3	1500				10	50	N			70	1000	70
18	114		5	1	.7	.3	700				30	500	L			5	150	20
19	115		15	5	5	.3	1000				10	200	N			70	5000	50
20	116		10	1.5	.7	.5	700				50	700	1			10	200	70
21	117		7	1.5	1	.3	700				50	700	1			10	500	70
22	118		15	3	3	.5	1000				50	700	L			20	2000	70
23	119		7	1.5	.7	.3	1000				70	1000	1			10	200	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-191-D
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIG-098	137	20		N	50	20	-	-		15		200	-	-	150		20	N	200
3	099	138	20		N	50	10	-	-		15		200	-	-	150		20	N	200
4	100	139	20		N	50	15	-	-		20		200	-	-	150		20	N	200
5	101	140	30		10	70	20	-	-		30		L	-	-	300		50	N	150
6	102	141	20		L	50	20	-	-		20		L	-	-	200		20	N	150
7	103	142	L		N	30	15	-	-		20		L	-	-	150		20	N	100
8	104	143	L		N	50	10	-	-		20		150	-	-	200		20	N	150
9	105	144	L		N	50	15	-	-		30		200	-	-	300		20	N	150
10	106	145	20		10	50	10	-	-		30		200	-	-	200		20	L	150
11	107	146	20		N	30	15	-	-		20		300	-	-	150		15	N	100
12	108	147 G	N		N	70	L	-	-		30		500	-	-	200		20	N	100
13	109	148	N		15	100	N	-	-		30		300	-	-	300		30	N	100
14	110	149	20		30	100	L	-	-		30		300	-	-	200		30	N	150
15	111	150	N		10	150	10	-	-		20		300	-	-	200		20	N	200
16	112	151	N		15	150	N	-	-		30		200	-	-	300		20	N	70
17	113	152	N		N	200	N	-	-		50		L	-	-	300		20	N	70
18	114	153	L		10	30	15	-	-		10		200	-	-	100		15	N	200
19	115	154	N		N	300	10	-	-		50		100	-	-	300		15	N	70
20	116	155	20		L	50	20	-	-		20		150	-	-	200		30	N	300
21	117	156	20		N	50	15	-	-		20		150	-	-	200		20	N	100
22	118	157	20		10	100	15	-	-		30		150	-	-	300		20	N	150
23	119	158	20	↓	10	70	20	-	-	↓	20	↓	200	-	-	200	↓	20	N	200
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-192-D 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	100
2	AIG-120	159	5	1	.7	.5	700				30	700	L			5	150	50
3	121	160	7	1.5	.5	.5	700				50	700	1			7	150	70
4	122	161	5	1.5	.7	.5	700				30	700	1			7	200	10
5	123	162	10	2	5	.5	1500				10	200	N			10	70	200
6	124	163	10	3	7	.7	1000				L	100	N			15	700	70
7	125	164	15	2	7	1	1500				L	50	N			50	300	100
8	126	165	10	5	5	G(1)	1000				L	20	N			50	3000	30
9	127	166	15	7	7	G(1)	1500				L	70	N			50	3000	30
10	128		7	1	.7	.3	1000				30	700	L			10	150	70
11	129		7	1.5	.5	.5	1000				70	1000	1			10	150	70
12	130		7	1.5	1	.3	1000				30	700	L			15	200	70
13	131		15	2	3	.7	1500				10	300	N			50	300	70
14	132		7	1.5	1	.5	1000				30	700	L			15	1500	70
15	133		10	2	5	.5	700				10	70	N			30	300	70
16	134		7	1.5	.7	.5	1000				30	700	1			20	200	70
17	135		10	1.5	.5	.5	1000				50	700	L			20	150	70
18	136		7	1	.7	.3	1000				50	500	1			15	200	70
19	137		7	2	1.5	.3	1000				50	700	L			20	200	70
20	138		7	2	2	.3	1000				50	700	N			15	150	70
21	139		7	1.5	.7	.3	1000				30	700	L			10	150	70
22	140		10	1	.7	.5	1500				50	700	L			15	500	70
23	141		10	2	.3	.5	700				50	700	N			15	300	70
24																		

GACKLE

GCENDACE

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-192-D
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	300	N	30	N	100
2	ATG-120	159	L		N	50	15	-	-		15		150	-	-	150		20		150
3	121	160	L		L	70	15	-	-		20		150	-	-	200		20		200
4	122	161	20		L	50	L	-	-		20		200	-	-	200		15		150
5	123	162	N		N	20	N	-	-		30		200	-	-	200		20		100
6	124	163	N		N	100	N	-	-		30		200	-	-	300		20		70
7	125	164	N		N	70	N	-	-		30		300	-	-	500		50		100
8	126	165	N		N	200	N	-	-		30		100	-	-	300		20		30
9	127	166	N		N	300	N	-	-		50		200	-	-	500		30		100
10	128	1	L		N	50	20	-	-		20		N	-	-	150		15		150
11	129	2	L		10	50	15	-	-		20		L	-	-	150		20		200
12	130	3	N		L	50	30	-	-		20		100	-	-	200		20		150
13	131	4	N		N	50	N	-	-		30		150	-	-	300		30		100
14	132	5	N		L	100	10	-	-		20		100	-	-	200		20	L	200
15	133	6	N		N	70	N	-	-		50		200	-	-	300		30	N	100
16	134	7	N		N	70	10	-	-		30		100	-	-	200		20	L	150
17	135	8	N		N	50	10	-	-		30		L	-	-	200		30	N	200
18	136	9	20		N	60	20	-	-		20		100	-	-	200		20	N	150
19	137	10	L		10	70	20	-	-		30		100	-	-	200		20	N	150
20	138	11	N		N	50	L	-	-		20		100	-	-	200		15	N	150
21	139	12	L		N	50	L	-	-		20		L	-	-	200		30	N	200
22	140	13	L		10	50	15	-	-		30		L	-	-	200		20	N	200
23	141	14	N		L	70	15	-	-		20		N	-	-	200		15	200	150
24								-	-					-	-					

GLENDALE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-1-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////////	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	50	150	100
2	AIG-142		5	.7	.2	.3	700	L			50	500	L			5	100	50
3	143		7	.7	.3	.3	1500	L			50	300	L			10	100	50
4	144		10	1	.2	.3	700	N			30	300	L			15	150	70
5	145		7	.7	.5	.3	2000	N			50	300	L			15	150	70
6	146		10	1.5	.2	.3	1000	N			30	300	L			10	100	70
7	147		10	2	.5	.3	700	N			20	200	N			30	G(5000)	20
8	148		10	1.5	5	.3	1000	L			10	200	N			10	200	50
9	149		7	1	2	.3	1000	N			L	300	N			15	70	30
10	150		7	1.5	5	.2	700	N			L	150	N			15	70	30
11	151	GLENDALE	7	.7	2	.2	700	N			L	100	N			10	700	30
12	152		10	1.5	3	.3	1000	N			10	150	N			10	70	30
13	153		15	1.5	3	.3	700	N			10	100	N			20	150	30
14	154		10	1.5	3	.3	1000	N			L	150	N			15	70	30
15	155		10	1.5	5	.3	1000	N			10	150	N			20	150	30
16	156		10	1.5	5	.2	1000	N			10	200	N			15	50	50
17	157		10	2	3	.3	1000	N			20	300	N			20	200	70
18	158	31	15	1.5	2	G(1)	1000	N			10	300	N			10	1000	20
19	159		10	1.5	.7	.3	1000	L			50	500	1			10	200	70
20	160		10	1	.7	.3	3000	L			50	700	L			15	150	70
21	161		15	3	3	.5	1000	N			10	100	N			30	3000	50
22	162		5	1	1	.3	700	N			20	500	L			10	200	10
23	163		10	1	.3	.3	1000	N	↓	↓	50	500	1	↓	↓	10	150	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-1-E
REPORT NO. HM-1006

ANALYST J. MOTOCKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	ATG-142	15	100		N	50	15	-	-		20		L	-	-	150		30	N	100
3	143	16	L		N	50	20	-	-		20		100	-	-	200		20	N	100
4	144	17	20		L	70	15	-	-		30		L	-	-	200		30	N	100
5	145	18	L		N	70	15	-	-		20		L	-	-	200		20	N	100
6	146	19	L		N	50	15	-	-		30		300	-	-	200		20	N	100
7	147	20	N		N	100	N	-	-		30		200	-	-	300		15	N	100
8	148	21	L		L	30	15	-	-		30		500	-	-	300		30	N	100
9	149	22	N		N	15	15	-	-		30		300	-	-	200		20	L	100
10	150	23	N		N	20	L	-	-		30		300	-	-	200		20	N	50
11	151	24	N		N	30	L	-	-		30		200	-	-	200		20	N	70
12	152	25	N		N	20	L	-	-		30		300	-	-	200		15	N	70
13	153	26	N		N	50	15	-	-		30		300	-	-	300		20	N	70
14	154	27	N		N	30	L	-	-		30		300	-	-	200		20	N	70
15	155	28	N		N	50	N	-	-		30		300	-	-	300		30	N	70
16	156	29	N		N	20	L	-	-		30		300	-	-	300		20	N	70
17	157	30	N		N	70	30	-	-		30		200	-	-	300		20	N	70
18	158	31	L		N	50	N	-	-		20		300	-	-	300		30	N	G(100)
19	159	32	20		10	100	15	-	-		20		L	-	-	150		20	N	100
20	160	33	20		10	70	20	-	-		20		100	-	-	150		20	N	150
21	161	34	N		N	200	N	-	-		30		150	-	-	300		15	N	70
22	162	35	20		10	30	L	-	-		10		200	-	-	150		10	N	300
23	163	36	20	↓	10	50	15	-	-	↓	15	↓	N	-	-	150	↓	20	N	200
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-2-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	50	200	100
2	AIG-164		10	1	.2	.3	2000	L			70	500	1			10	150	70
3	165		7	1	.2	.3	2000	N			70	500	1			10	100	70
4	166		7	.7	.1	.3	1500	L			50	500	1			10	150	70
5	167		10	1.5	.2	.3	1000	L			50	500	L			7	150	70
6	168		5	1	.3	.3	500	L			50	500	L			5	150	50
7	169		10	1	.5	.7	700	N			50	500	N			5	500	15
8	170		15	3	3	.5	1000	N			10	300	N			50	700	50
9	171		15	3	5	1	1000	N			20	20	N			20	700	20
10	172		15	3	3	.5	1000	N			10	50	N			30	2000	20
11	173	GLENDALE	15	3	7	.7	1000	N			L	30	N			30	300	50
12	174		10	5	5	.3	1000	N			20	100	N			50	2000	50
13	175		15	3	5	.7	1500	N			10	150	N			30	500	50
14	176		10	2	1.5	.3	700	N			30	300	L			20	300	30
15	177		7	2	5	.2	700	N			L	50	N			20	300	50
16	178		10	2	3	.5	1000	N			10	70	N			30	500	70
17	179		15	5	7	.5	1000	N			10	30	N			50	1500	50
18	180		15	3	7	.5	1500	N			20	50	N			30	500	70
19	181		10	3	5	.5	1500	N			20	200	N			30	1500	50
20	182		10	5	7	.5	1500	N			L	100	N			50	700	50
21	183		15	2	3	1	2000	N			L	70	N			70	1000	100
22	184		10	3	3	.5	1000	N			20	300	N			30	1500	70
23	185		15	5	7	.5	1500	N			L	30	N			50	G(5000)	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-2-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIG-164		70		10	50	20	-	-		20	N	L	-	-	200		30		150
3	165		L		N	50	15	-	-		20	N	L	-	-	200		20		100
4	166		70		L	50	15	-	-		20	N	L	-	-	200		30		150
5	167		50		10	70	15	-	-		20	10	100	-	-	200		20		150
6	168		L		N	50	15	-	-		15	N	L	-	-	150		20		150
7	169		L		10	50	10	-	-		20	N	100	-	-	200		20		G(100)
8	170		N		N	100	10	-	-		30	N	300	-	-	300		20		100
9	171		N		N	70	N	-	-		30	N	200	-	-	300		30		100
10	172		N		N	100	N	-	-		30	N	150	-	-	300		20		70
11	173		N		N	70	N	-	-		30	N	150	-	-	300		30		70
12	174		N		N	500	N	-	-		30	N	100	-	-	300		20		50
13	175		N		N	70	N	-	-		30	N	200	-	-	300		50		70
14	176		N		N	100	10	-	-		20	N	100	-	-	200		20		100
15	177		N		N	70	N	-	-		30	N	100	-	-	300		15		30
16	178		N		N	100	N	-	-		30	N	100	-	-	300		30		50
17	179		N		N	150	N	-	-		50	N	L	-	-	300		20		30
18	180		N		N	100	N	-	-		50	N	200	-	-	300		30		70
19	181		N		N	150	L	-	-		30	N	200	-	-	300		30		100
20	182		N		N	150	N	-	-		30	N	150	-	-	300		15		200
21	183		N		N	100	N	-	-		30	N	L	-	-	300		20		70
22	184		N		N	150	N	-	-		30	N	200	-	-	300		20		200
23	185		N	↓	N	200	N	-	-	↓	30	N	200	-	-	500	↓	15	↓	50
24								-	-					-	-					

GLENDALE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-3-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	.7	1500	N	N	N	10	150	N	N	N	50	200	100
2	AIG-186		7	2	1.5	.3	1000				20	150	L			20	300	70
3	187		10	5	2	.5	1500				10	100	N			50	2000	70
4	188		10	5	5	.3	1500				L	70	N			50	2000	70
5	189		10	3	5	.3	2000				15	70	N			50	700	100
6	190		10	3	3	1	1500				10	50	N			30	500	70
7	191		10	3	5	.7	1500				100	300	N			30	1500	50
8	192		7	1.5	2	.5	1500				30	300	L			20	200	50
9	193		7	1.5	.15	.3	700				50	500	L			10	150	50
10	194		7	2	1.5	.3	1000				20	300	L			20	700	50
11	195		5	.7	.2	.5	700				30	500	L			7	150	50
12	196	GLENDALE	10	5	2	.3	1500				20	300	N			70	2000	50
13	197		7	2	5	.3	700				30	500	L			15	300	30
14	198		10	5	5	.2	1000				20	70	N			50	3000	30
15	199		7	1.5	1.5	.3	1000				15	200	N			20	150	50
16	200		10	3	5	.5	1000				50	150	N			30	1000	70
17	201		10	2	1.5	.5	700	↓			10	70	N			15	200	100
18	202	75	7	1.5	.3	.5	700	1.			70	700	1			10	150	100
19	203		10	1.5	3	.5	1000	N			L	200	N			10	70	20
20	204		10	1.5	5	.5	2000	N			10	500	N			10	150	70
21	205		10	1.5	5	.5	1500	N			15	500	N			15	150	100
22	206		15	3	5	.7	1500	N			30	300	L			30	2000	70
23	207		10	2	1.5	.5	1500	N	↓	↓	30	500	L	↓	↓	20	700	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-3-F
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	70	N	-	-	N	50	N	200	-	-	300	N	30	N	100
2	AIG-186		L		N	100	15	-	-		30	N	100	-	-	200		20		70
3	187		N		N	700	N	-	-		30	N	L	-	-	200		20		70
4	188		N		L	200	N	-	-		50	N	100	-	-	300		15		30
5	189		N		N	100	10	-	-		50	L	100	-	-	200		15		30
6	190		N		N	70	L	-	-		30	N	100	-	-	300		20		30
7	191		N		N	70	L	-	-		30	N	300	-	-	300		30		100
8	192		N		N	70	L	-	-		30	N	200	-	-	200		30		70
9	193		L		L	70	20	-	-		15	N	N	-	-	200		20		150
10	194		N		L	150	10	-	-		20	N	100	-	-	200		15		100
11	195		20		10	70	15	-	-		20	N	N	-	-	150		30		200
12	196		N		N	700	N	-	-		20	N	200	-	-	200		10		50
13	197		N		L	70	L	-	-		20	N	300	-	-	200		15		100
14	198		N		L	500	N	-	-		20	N	200	-	-	200		15		20
15	199		N		N	50	L	-	-		20	N	150	-	-	200		20		70
16	200		N		N	70	N	-	-		30	N	200	-	-	300		30		70
17	201		N		N	70	15	-	-		30	N	200	-	-	300		20		50
18	202		L		10	70	50	-	-	.	20	N	N	-	-	300		20		200
19	203		N		L	15	L	-	-		30	N	300	-	-	300		20	↓	150
20	204	77	N		N	15	20	-	-		30	N	300	-	-	300		20	L	100
21	205	78	N		N	20	15	-	-		30	N	300	-	-	300		30	N	150
22	206	79	30		N	300	10	-	-		30	N	200	-	-	300		30	N	100
23	207	80	30	↓	N	150	15	-	-	↓	20	N	L	-	-	300	↓	30	N	100
24								-	-					-	-					

G = Greater than 10%, or greater than value shown.
H = Interference.
- = Not looked for.

N=Not detected at limit of detection, or at value shown.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-4-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	3	7	.7	1500	N	N	N	L	200	N	N	N	50	200	100
2	AIG-208		15	1	1	G(1)	2000				10	500	N			7	300	20
3	209		10	1.5	2	G(1)	1500				20	500	N			10	150	70
4	210		10	1.5	1.5	1	1000				10	700	N			7	100	10
5	211		10	5	1	.5	700				70	300	N			50	2000	70
6	212		15	2	.5	.5	700				50	500	L			15	500	70
7	213		15	3	1	.5	1000				50	500	L			20	3000	70
8	214		15	2	1	.5	1500				50	500	L			20	500	70
9	215		15	2	1.5	.7	1500				70	1000	L			15	1000	70
10	216		15	2	.7	.7	1000				30	1000	L			15	700	70
11	217		15	3	1.5	.5	1000				50	500	L			30	1500	70
12	218		10	3	.7	.5	700				50	500	L			20	700	70
13	219		15	5	1	.3	700				70	300	L			30	1500	50
14	220		15	2	.5	.7	700				50	500	L			20	500	70
15	221		15	5	3	.7	1000				100	500	L			50	1000	50
16	222		15	5	1	.5	1500				50	500	L			50	700	70
17	223		15	7	1.5	.7	1000				70	300	N			70	5000	70
18	224		10	5	2	.3	1000				50	300	N			50	2000	70
19	225		10	2	.7	.3	500				50	500	L			20	1000	70
20	226		10	3	.7	.5	700				70	700	L			30	300	70
21	227		15	5	2	.7	1000				30	500	L			30	700	70
22	228		7	1.5	.7	.5	700				30	700	L			15	700	30
23	229		10	3	.7	.5	1000	↓	↓	↓	30	500	L	↓	↓	70	3000	50
24																		

Gold Beach

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-4-F
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	L	-	-	N	30	N	200	-	-	500	N	30	N	100
2	AT6-208		N		30	7	10	-	-		20		300	-	-	300		30		G(1000)
3	209		N		15	30	10	-	-		20		700	-	-	300		20		300
4	210		L		10	20	L	-	-		20		500	-	-	300		30		500
5	211		N		L	700	N	-	-		20		100	-	-	200		10		70
6	212		N		L	100	L	-	-		20		N	-	-	200		15		150
7	213		N		10	150	N	-	-		20		L	-	-	300		15		150
8	214		N		L	100	10	-	-		20		200	-	-	300		20		150
9	215		L		N	100	10	-	-		20		N	-	-	300		15		200
10	216		N		10	70	30	-	-		20		200	-	-	200		15		200
11	217	GOLD BEACH	N		10	200	10	-	-		20		200	-	-	300		20		100
12	218		N		L	200	L	-	-		20		100	-	-	300		20		100
13	219		N		L	500	L	-	-		20		N	-	-	300		15		100
14	220		N		10	150	10	-	-		20		N	-	-	200		20		150
15	221		N		L	500	N	-	-		30		200	-	-	300		20		100
16	222		N		L	500	10	-	-		30		100	-	-	300		20		150
17	223		N		N	700	N	-	-		30		L	-	-	300		20		100
18	224		N		N	500	N	-	-		30		L	-	-	300		15		70
19	225		N		10	200	10	-	-		20		L	-	-	300		20		100
20	226		L		10	150	15	-	-		20		100	-	-	300		20		200
21	227		N		10	300	N	-	-		30		200	-	-	300		20		150
22	228		N		L	150	N	-	-		20		L	-	-	200		15		100
23	229		N	↓	N	500	10	-	-	↓	20	↓	N	-	-	300	↓	15	↓	100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. I=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-5-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/21/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	7	.5	1500	N	N	N	10	150	N	N	N	30	150	100
2	AIG-230		10	2	.5	.3	1000				50	300	L			20	200	50
3	231		10	2	.3	.3	1000				70	700	1			15	150	70
4	232		10	3	5	.3	1500				20	300	L			20	300	15
5	233		10	3	5	.7	1500				30	300	N			15	700	50
6	234		15	3	5	.3	1500				30	300	N			20	700	20
7	235		10	2	3	.2	700				20	500	L			15	200	20
8	236		15	3	5	.5	1000				15	300	N			20	300	15
9	237		15	2	3	.2	700				20	600	L			20	150	50
10	238		10	3	3	.7	700				10	300	L			15	150	30
11	239		10	2	3	.3	1000				L	300	L			15	150	20
12	240		15	3	3	.3	700				30	300	L			20	200	150
13	241	10	10	3	5	.2	1000	2			20	500	L			30	150	1500
14	242	11	10	3	5	.2	700	N			20	300	L			15	200	50
15	243	12	10	2	2	.2	700	N			20	500	1			15	150	70
16	244	13	10	2	2	.2	700	.5			30	300	L			15	150	70
17	245	14	10	2	2	.2	700	1			30	300	N			15	150	50
18	246	15	10	2	1.5	.3	1000	N			20	500	L			20	150	70
19	247		15	2	3	.3	1500	N			20	700	L			20	200	50
20	248		10	2	5	.3	1000	N			20	500	L			20	150	50
21	249		15	3	5	.3	1500	N			15	500	L			30	700	70
22	250		15	3	7	.3	1500	N			15	300	L			20	200	100
23	251		5	2	3	.3	1000	N			10	500	L			7	150	7
24																		

Gold 1/4 v

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-5-F
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////	W-1	N	N	10	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-230		N		L	100	10	-	-		20		L	-	-	200		15		70
3	231		N		10	50	20	-	-		20		L	-	-	150		20		100
4	232		N		L	70	N	-	-		30		300	-	-	200		20		70
5	233		L		L	50	10	-	-		30		300	-	-	200		20		100
6	234		N		L	70	L	-	-		30		300	-	-	200		20		200
7	235		N		N	50	L	-	-		30		300	-	-	200		15		150
8	236		N		N	50	N	-	-		30		300	-	-	300		20		70
9	237		20		N	50	10	-	-		20		500	-	-	200		20		70
10	238		20		20	50	10	-	-		20		300	-	-	200		30		100
11	239		20		10	50	10	-	-		20		500	-	-	200		15		100
12	240		L		N	70	10	-	-		30		300	-	-	200		20		100
13	241	10	L		N	5000	15	-	-		20		300	-	-	150		20	5000	100
14	242	11	20		N	50	10	-	-		20		300	-	-	200		20	N	100
15	243	12	30		10	50	15	-	-		20		300	-	-	200		20	N	100
16	244	13	20		10	50	10	-	-		20		300	-	-	200		15	N	100
17	245	14	20		L	50	10	-	-		20		300	-	-	150		15	N	100
18	246	15	20		10	50	10	-	-		30		200	-	-	200		20	N	100
19	247		20		10	50	10	-	-		30		300	-	-	200		20	N	100
20	248		20		N	50	15	-	-		20		300	-	-	200		20	N	100
21	249		20		N	50	L	-	-		30		500	-	-	300		20	N	100
22	250		20		L	50	L	-	-		30		500	-	-	300		30	N	100
23	251		N		10	20	10	-	-		15		300	-	-	150		10	N	70
24								-	-					-	-					

GOOD 1-12

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-6-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/21/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	7	.7	1000	N	N	N	10	150	N	N	N	30	150	100
2	AIG-252		15	3	5	.3	1500	N			15	500	N			20	200	70
3	253		15	2	3	.2	700	N			15	500	N			20	150	70
4	254		10	2	3	.2	700	N			30	500	N			15	150	50
5	255		10	2	3	.3	1000	N			20	500	L			15	150	70
6	256		10	2	2	.3	700	N			15	500	L			15	200	20
7	257		10	2	2	.3	700	.5			15	500	L			20	150	100
8	258		10	2	2	.2	700	N			15	300	L			20	500	50
9	259		15	2	5	.7	2000	N			20	150	N			50	700	70
10	260	GOLD HILL	15	3	5	.5	1500	N			20	500	N			30	1500	70
11	261		10	2	3	.3	1500	N			20	500	L			20	150	70
12	262		7	2	2	.15	700	N			10	300	L			15	150	50
13	263		10	2	3	.2	700	N			10	500	L			15	200	50
14	264		15	3	7	.3	1500	N			30	300	L			30	300	100
15	265		15	3	3	1	1500	N			15	300	N			30	200	50
16	266		10	3	3	.5	1000	N			10	300	N			20	200	50
17	267		10	2	3	.3	1000	N			15	500	L			20	200	60
18	268		15	3	5	.7	1500	N			30	700	L			30	200	70
19	269		10	3	5	.3	1000	N			20	500	L			20	200	70
20	270		7	2	2	.3	700	N			70	500	L			20	150	50
21	271		10	2	2	.2	700	N			L	500	L			20	150	30
22	272		10	2	2	.3	1000	N			L	500	L			20	150	50
23	273		15	2	3	.3	700	N	↓	↓	20	700	L	↓	↓	20	150	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. a-6-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	70	N	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIG-252		20	(	N	50	N	-	-	(	30	(	500	-	-	300	(	30	N	100
3	253		N		N	60	N	-	-		30		300	-	-	300		20	N	70
4	254		L		N	50	L	-	-		30		300	-	-	300		20	N	70
5	255		L		N	70	30	-	-		20		500	-	-	200		20	L	100
6	256		L		10	70	50	-	-		20		500	-	-	200		20	N	100
7	257		20		N	50	10	-	-		20		300	-	-	300		20	N	100
8	258		50		N	70	10	-	-		20		300	-	-	300		20	N	100
9	259		N		N	70	N	-	-		30		200	-	-	300		50	N	150
10	260		N		N	100	L	-	-		30		500	-	-	300		30	N	100
11	261		20		N	50	10	-	-		30		500	-	-	300		20	N	150
12	262		N		N	20	L	-	-		20		300	-	-	200		15	N	70
13	263		L		N	30	L	-	-		20		300	-	-	200		15	N	70
14	264		N		N	50	N	-	-		30		500	-	-	300		20	N	100
15	265		N		20	50	N	-	-		30		500	-	-	300		30	N	200
16	266		N		L	50	N	-	-		20		300	-	-	200		15	N	70
17	267		L		10	50	N	-	-		20		300	-	-	300		20	N	100
18	268		L		15	50	10	-	-		30		700	-	-	300		30	N	150
19	269		L		L	50	10	-	-		30		500	-	-	300		20	N	100
20	270		L		10	50	10	-	-		15		300	-	-	200		15	N	100
21	271		L		N	50	L	-	-		20		300	-	-	200		15	N	50
22	272		L		N	50	10	-	-		20		300	-	-	200		15	N	100
23	273		20	↓	N	50	10	-	-	↓	30	↓	500	-	-	300	↓	20	N	100
24								-	-					-	-					

Gold Ag Zn

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-7-E 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 6/21/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////////	W-1	15	3	7	.7	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-274		10	2	3	.3	700				30	700	L			10	150	70
3	275		7	2	3	.3	700				20	700	L			10	150	50
4	276		10	2	2	.3	1000				50	500	L			15	200	70
5	277		7	3	2	.5	1500				30	500	L			10	150	70
6	278		10	2	3	.3	1000				15	700	L			20	300	70
7	279		10	2	3	.3	700				10	300	L			20	200	70
8	280		10	3	5	.3	1000				20	700	L			20	300	70
9	281		15	3	5	.5	1500				10	500	L			30	200	100
10	282		10	2	3	.5	1000				15	500	L			20	200	50
11	283		10	3	3	.3	1500				20	700	L			30	200	70
12	284		7	3	3	.3	1000				15	700	L			30	150	50
13	285		7	2	2	.2	700				30	700	L			15	100	30
14	286		5	.7	1	.3	500				30	700	L			10	100	20
15	287		15	3	3	.5	1000				30	700	N			20	300	70
16	288		15	3	5	.5	1000				50	700	L			20	150	150
17	289		15	3	7	.3	1000				30	700	L			15	150	70
18	290		15	3	5	.5	1000				15	500	L			20	150	100
19	291		15	3	5	.7	1500				50	700	L			30	200	100
20	292		15	3	7	.7	1500				30	700	L			30	500	100
21	293		15	3	3	.5	1000				50	1000	L			30	200	100
22	294		15	3	5	.3	1000				30	700	L			15	200	70
23	295		15	3	5	.5	1500	↓	↓	↓	30	700	L	↓	↓	20	200	100
24																		

GOLD HILL

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-7-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-274		30		N	50	L	-	-		30		600	-	-	300		20		100
3	275		20		N	50	L	-	-		20		300	-	-	200		15		100
4	276		N		L	70	10	-	-		20		200	-	-	200		15		100
5	277		N		L	70	L	-	-		20		150	-	-	150		15		70
6	278		20		N	70	10	-	-		30		500	-	-	300		20		100
7	279		L		N	70	L	-	-		30		300	-	-	300		20		70
8	280		20		N	70	L	-	-		30		500	-	-	300		20		100
9	281		L		L	50	10	-	-		30		500	-	-	300		20		100
10	282		20		10	50	L	-	-		30		500	-	-	300		20		100
11	283		L		L	70	L	-	-		30		700	-	-	300		15		100
12	284		L		N	70	L	-	-		30		700	-	-	200		15		150
13	285		L		10	30	L	-	-		20		500	-	-	200		15		150
14	286		20		10	20	10	-	-		10		300	-	-	150		15		300
15	287		L		N	50	10	-	-		30		500	-	-	300		20		100
16	288		20		N	30	L	-	-		30		700	-	-	300		20		150
17	289		20		N	30	15	-	-		30		700	-	-	300		20		150
18	290		L		N	30	15	-	-		30		500	-	-	300		20		150
19	291		L		L	50	L	-	-		30		700	-	-	300		30		100
20	292		L		N	50	10	-	-		30		700	-	-	300		30		200
21	293		20		N	70	L	-	-		30		700	-	-	300		30		150
22	294		20		L	50	L	-	-		30		500	-	-	300		30		150
23	295		20		L	50	L	-	-		30		500	-	-	300		30		100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-8-F 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/21/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIG-296		15	3	5	.5	2000				20	700	L			30	1000	70
3	297		15	3	5	.7	1000				15	200	N			30	500	70
4	298		15	3	7	.7	1000				15	70	N			30	500	70
5	299		15	5	7	1	1500				30	150	N			30	500	100
6	300		15	2	5	G(1)	2000				10	70	N			30	200	70
7	301		15	1.5	5	G(1)	2000				L	70	N			30	150	70
8	302		15	3	5	G(1)	1500				L	50	N			30	200	50
9	303		7	1.5	2	.2	700				10	700	L			10	100	20
10	304		7	1.5	2	.2	700				15	700	L			7	100	70
11	305		15	5	5	1	1500				20	700	L			20	300	50
12	306		7	1.5	3	.5	1500				20	700	L			10	150	20
13	307		15	2	2	.5	1500				20	700	L			20	500	70
14	308		10	2	3	.5	1000				15	700	L			15	150	30
15	309		10	2	3	.3	1000				15	700	L			20	200	50
16	310		15	3	5	.5	1000				15	700	N			30	700	50
17	311		15	3	5	.7	1000				15	500	N			30	500	30
18	312		10	2	3	.5	1000				L	500	L			10	150	7
19	313		15	2	3	.7	700				L	500	L			15	300	15
20	314		15	3	5	1	1500				L	500	L			20	500	7
21	315		10	3	5	.7	1500				10	300	N			30	1500	20
22	316		3	1	1.5	.3	700				L	1000	L			5	70	7
23	317		15	2	3	.5	1500				10	500	L			20	150	70
24																		

GOLD HILL

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-8-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	100	N	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIG-296				N	70	L	-	-		30		700	-	-	300		20		100
3	297					70	70	-	-		30		300	-	-	300		30		70
4	298					70	N	-	-		30		300	-	-	300		30		50
5	299					70	N	-	-		30		300	-	-	300		50		100
6	300					50	N	-	-		30		150	-	-	500		50		150
7	301					30	N	-	-		30		150	-	-	500		30		150
8	302					50	N	-	-		50		100	-	-	300		50		100
9	303					30	30	-	-		10		200	-	-	150		15		100
10	304		20			30	10	-	-		20		300	-	-	150		15		100
11	305		N			70	N	-	-		30		500	-	-	300		30		200
12	306		L			30	L	-	-		15		300	-	-	150		15		150
13	307		20		L	70	10	-	-		30		300	-	-	300		30		150
14	308		L		10	30	L	-	-		20		500	-	-	200		50		200
15	309		N		N	50	L	-	-		20		300	-	-	200		15		100
16	310		L		10	50	N	-	-		50		500	-	-	300		20		150
17	311		20		15	50	N	-	-		30		500	-	-	300		50		300
18	312		L		N	30	N	-	-		20		500	-	-	200		15		300
19	313		20		10	50	N	-	-		20		300	-	-	500		50		300
20	314		20		15	50	N	-	-		30		500	-	-	500		70		G(100)
21	315		N		N	150	N	-	-		30		200	-	-	300		20		200
22	316		20		15	15	L	-	-		7		500	-	-	150		15		70
23	317		N		N	30	15	-	-		20		500	-	-	300		15		100
24								-	-					-	-					

GOOD HI ↑

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-9-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/21/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	2	5	.5	700	N	N	N	L	100	N	N	N	30	150	70
2	AIG-318		10	3	3	.7	3000	N			L	300	N			15	150	5
3	319		10	3	2	.3	700	N			30	150	N			20	1500	20
4	320		3	.5	.5	.2	500	N			30	300	L			7	200	15
5	321		3	.7	.3	.2	1000	N			30	300	L			7	100	50
6	322		10	1.5	.3	.3	1000	.5			50	500	1			10	150	50
7	323		7	2	3	.3	700	N			10	200	N			20	1000	50
8	324		7	1.5	.7	.3	700	N			30	500	L			10	300	30
9	325		20	2	1.5	1	1500	N			30	200	N			50	G(5000)	30
10	326		15	2	2	1	1000	N			L	70	N			20	300	150
11	327		15	3	2	.5	1000	N			L	70	N			50	300	100
12	328		10	3	3	.5	1500	N			10	70	N			50	700	70
13	329		15	5	3	1	700	N			L	50	N			30	1500	20
14	330		15	3	3	.7	700	N			L	200	N			20	150	30
15	331		15	3	3	1	700	N			30	200	N			20	100	70
16	332		10	2	2	1	700	N			30	300	N			15	150	70
17	333		10	2	2	.3	700	N			30	150	N			15	150	50
18	334		7	1.5	.5	.15	2000	N			50	200	N			15	100	100
19	335		10	2	2	.5	1000	N			50	150	N			20	200	50
20	336		7	3	2	.3	700	N			15	200	N			15	500	50
21	337		10	5	2	.2	1000	N			L	50	N			70	1500	70
22	338		7	1.5	1.5	.5	1500	N			70	300	L			15	200	70
23	339		10	7	2	.2	1000	N	↓	↓	15	150	N	↓	↓	50	5000	30
24																		

GRANITE (BOSS)

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-9-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	15	N	100
2	AIG-318		N		10	50	N	-	-		30		300	-	-	300		20	N	700
3	319		L		N	150	L	-	-		30		150	-	-	300		100	N	50
4	320		N		L	30	N	-	-		15		L	-	-	100		10	N	150
5	321		20		N	50	20	-	-		15		L	-	-	100		20	N	150
6	322		20		10	70	20	-	-		20		100	-	-	150		30	L	100
7	323		N		N	100	L	-	-		20		100	-	-	200		15	N	70
8	324		L		L	50	N	-	-		20		150	-	-	150		15	N	150
9	325		N		N	150	N	-	-		20		100	-	-	700		15	300	100
10	326		N		N	70	N	-	-		30		L	-	-	300		15	N	50
11	327		N		N	70	N	-	-		30		L	-	-	300		15	N	50
12	328		N		N	300	N	-	-		30		L	-	-	200		15	L	70
13	329		N		N	300	N	-	-		30		N	-	-	300		15	N	50
14	330		N		N	50	N	-	-		30		300	-	-	300		30	N	70
15	331		N		N	100	N	-	-		30		200	-	-	300		30	N	100
16	332		N		N	50	N	-	-		30		L	-	-	200		30	N	100
17	333		N		N	50	L	-	-		20		100	-	-	200		20	N	70
18	334		N		N	50	10	-	-		20		L	-	-	200		30	N	70
19	335		N		N	50	N	-	-		30		100	-	-	300		30	N	70
20	336		N		N	150	N	-	-		20		100	-	-	150		30	N	70
21	337		N		N	500	N	-	-		30		L	-	-	300		20	11	50
22	338		N		N	50	10	-	-		30		L	-	-	200		30	N	100
23	339		N	↓	N	700	N	-	-	↓	20	↓	100	-	-	200	↓	15	L	30
24								-	-					-	-					

GRANITE PASS

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-10-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/22/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	N-1	10	3	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-340		10	2	3	.5	1000				10	300	N			20	150	50
3	341		10	1.5	2	.5	1000				15	300	N			15	150	30
4	342		10	2	3	.5	1000				10	300	N			20	700	30
5	343		10	2	2	.5	1500				10	300	N			30	1000	30
6	344		10	2	3	.3	1000				20	300	N			20	300	50
7	345		15	3	5	.7	1000				15	200	N			30	200	70
8	346		10	2	2	.2	1500				15	300	N			20	200	30
9	347		10	2	2	.2	2000				20	500	L			50	500	50
10	348		10	3	1	.3	1500				15	200	N			50	1500	30
11	349		7	3	3	.2	700				L	100	N			20	700	50
12	350		15	3	2	.5	700				L	150	N			30	1000	70
13	351		15	2	5	1	1500				20	70	N			20	500	50
14	352		10	2	3	.5	700				10	100	N			20	200	50
15	353		10	3	2	.3	700				10	200	N			20	700	30
16	354		10	1.5	.5	.3	1500				50	500	1			10	200	70
17	355		5	1	.2	.3	700				30	500	L			7	150	20
18	356		10	3	3	.5	1500				20	150	N			50	5000	70
19	357		15	3	1.5	.5	1500				15	300	N			70	5000	70
20	358		10	3	2	.3	1000				70	300	N			20	700	70
21	359		15	2	1.5	.3	1000				15	100	N			70	2000	70
22	360		10	5	3	.3	1000				20	200	N			50	1500	70
23	361		15	3	2	.3	1000				50	150	N			50	5000	50
24																		

GRAVITY PASS

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-10-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIG-340				N	50	N	-	-		30		300	-	-	300		15		70
3	341				N	30	L	-	-		20		300	-	-	200		20		100
4	342				L	70	N	-	-		30		300	-	-	200		20		70
5	343				L	100	L	-	-		30		300	-	-	200		20		150
6	344				L	50	N	-	-		30		200	-	-	300		30		70
7	345				N	70	L	-	-		30		200	-	-	300		30		100
8	346				N	50	L	-	-		20		300	-	-	200		15		70
9	347				10	70	10	-	-		20		200	-	-	200		15		100
10	348				10	700	N	-	-		20		150	-	-	200		15		70
11	349				N	150	L	-	-		20		200	-	-	200		20		50
12	350				15	100	N	-	-		30		200	-	-	300		30		150
13	351				N	50	N	-	-		30		200	-	-	300		30		100
14	352				N	50	L	-	-		30		300	-	-	300		30		70
15	353		↓		N	150	L	-	-		20		200	-	-	300		20		70
16	354		L		N	70	20	-	-		20		L	-	-	150		20		150
17	355		L		10	50	10	-	-		15		N	-	-	150		15		200
18	356		N		L	300	N	-	-		30		200	-	-	300		20		100
19	357		N		N	500	N	-	-		30		200	-	-	300		20		70
20	358		N		L	100	15	-	-		30		150	-	-	300		20		100
21	359		N		N	700	N	-	-		30		L	-	-	200		15		30
22	360		N		N	500	N	-	-		30		100	-	-	200		15	↓	30
23	361		N	↓	N	500	N	-	-	↓	30	↓	L	-	-	300	↓	15	L	100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-11-E 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 6/22/62

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	7	.7	1500	N	N	N	L	150	N	N	N	50	200	150
2	AG-362		7	1	1	.3	700	L			20	500	L			7	100	50
3	363		7	1.5	1.5	.3	700	N			20	500	L			7	70	30
4	364		15	2	5	.7	1000	N			10	70	N			30	500	20
5	365		10	1.5	5	.7	1000	N			10	100	N			20	200	70
6	366		10	2	5	.7	1000	N			10	100	N			20	200	70
7	367		15	3	5	1	1500	N			10	150	N			50	500	70
8	368		10	1.5	.2	.5	700	L			50	1000	1			10	300	50
9	369		7	1	.15	.3	500	L			30	700	L			7	200	50
10	370		15	3	5	1	1500	N			30	700	N			20	500	50
11	371		7	1.5	3	.5	1000	N			10	700	L			10	70	20
12	372		10	2	5	1	1500	N			L	500	L			15	150	30
13	373		15	5	7	.7	1500	N			L	200	N			30	300	70
14	374		10	1.5	1.5	.5	1000	N			10	200	L			15	200	70
15	375		10	3	5	.7	1500	N			10	200	L			20	300	70
16	376		7	1	1	.5	1500	N			10	300	L			15	150	70
17	377		5	.3	.3	.3	500	N			L	150	L			7	200	70
18	378		10	2	3	.7	1000	N			L	300	L			20	200	70
19	379		10	1.5	2	.7	1500	N			L	500	L			20	150	30
20	380		10	1	2	.5	1000	N			L	300	L			15	150	50
21	381		10	1.5	2	.3	1000	N			30	300	L			15	100	50
22	382		10	1.5	3	.5	1000	N			20	500	L			15	150	70
23	383		10	2	5	.5	1500	N	↓	↓	30	500	L	↓	↓	20	150	70
24																		

GRANTS DRS

HYATT RES

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-11-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	100	L	-	-	N	50	N	200	-	-	300	N	30	N	100
2	AIG-362		N		L	30	30	-	-		15	15	200	-	-	150		10	L	150
3	363		N		10	30	L	-	-		15	N	200	-	-	150		15	N	100
4	364		N		N	100	N	-	-		30		150	-	-	300		50		150
5	365		N		N	50	N	-	-		30		150	-	-	300		30		150
6	366		N		N	50	L	-	-		30		150	-	-	300		30		100
7	367		N		L	50	N	-	-		30		300	-	-	300		60		100
8	368		20		10	70	L	-	-		20		N	-	-	150		20		150
9	369		20		N	70	10	-	-		20		N	-	-	150		20		150
10	370		N		10	70	N	-	-		30		300	-	-	300		30		200
11	371		L		15	20	N	-	-		20		500	-	-	200		30		150
12	372		N		10	30	N	-	-		30		500	-	-	300		20		150
13	373		N		N	70	20	-	-		30		200	-	-	300		30		100
14	374		L		N	50	10	-	-		20		200	-	-	200		30		50
15	375		L		N	50	10	-	-		50		300	-	-	200		30		70
16	376		20		N	50	10	-	-		20		300	-	-	200		20		100
17	377		20		N	50	15	-	-		20		L	-	-	200		50		70
18	378		N		N	50	L	-	-		30		500	-	-	300		15		100
19	379		L		N	50	L	-	-		20		300	-	-	200		30		150
20	380		L		N	20	10	-	-		20		300	-	-	200		30		100
21	381		N		N	20	10	-	-		20		300	-	-	150		15		100
22	382		L		N	30	15	-	-		30		300	-	-	300		50		100
23	383		L	↓	N	30	15	-	-	↓	30	↓	300	-	-	300	↓	30	↓	100
24								-	-					-	-					

Hydrothermal Tests Outputs Pass

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-12-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/24/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIG-384		15	2	5	.7	1500				10	500	N			20	150	70
3	385		10	1.5	3	.7	1000				10	300	L			15	150	70
4	386		15	1.5	5	1	1000				20	700	L			20	150	70
5	387	14	15	.7	.7	.7	1000				15	300	L			20	500	100
6	388	15	15	.7	.7	1	1500				15	500	L			20	200	100
7	389	16	10	.7	1.5	.7	1000				10	300	L			10	500	70
8	390	17	20	2	1.5	1	1500				15	500	L			50	700	200
9	391		15	1.5	1.5	.5	1000				10	300	L			20	200	100
10	392		15	2	7	.7	1500				30	700	L			20	200	70
11	RES. 393		15	3	7	.7	1500				10	500	L			30	150	100
12	394		10	2	5	.5	1000				30	500	N			15	150	70
13	395		20	3	7	1	3000				20	700	N			50	500	70
14	396		15	1	1.5	.7	500				15	300	L			7	300	70
15	397		20	3	7	1	2000				30	700	N			50	300	70
16	398		15	2	3	.7	1500				30	500	N			20	150	50
17	399		15	2	5	.7	2000				30	700	N			50	500	70
18	400		15	3	7	.7	1500				20	500	N			30	200	70
19	401	1	15	2	7	.7	3000				50	1000	L			30	150	70
20	402	2	15	2	7	.7	1500				30	1000	L			30	150	70
21	403	3	15	2	7	1	1500				15	500	N			20	300	70
22	404	4	3	.5	1.5	.5	700				2	200	L			5	150	50
23	405	5	15	2	5	.7	1500	↓	↓	↓	10	500	L	↓	↓	30	500	100
24																		

HYATT RES. — LOKA CREEK

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-1a-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	70	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIG-384		N		N	50	L	-	-		30		700	-	-	300		20		70
3	385		N		N	30	10	-	-		30		700	-	-	200		30		50
4	386		N		L	70	10	-	-		30		700	-	-	300		30		150
5	387	14	N		N	100	15	-	-		30		L	-	-	300		30		100
6	388	15	20		L	100	L	-	-		30		100	-	-	200		30		150
7	389	16	N		N	100	15	-	-		20		200	-	-	200		20		100
8	390	17	N		N	200	10	-	-		30		100	-	-	500		30		150
9	391		L		N	100	10	-	-		20		200	-	-	200		15		100
10	392		N		10	50	10	-	-		30		700	-	-	300		30		150
11	393		N		N	50	L	-	-		30		000	-	-	300		20		100
12	394		N		10	50	15	-	-		20		300	-	-	300		15		100
13	395		N		10	50	L	-	-		50		700	-	-	700		30		150
14	396		N		L	100	10	-	-		15		300	-	-	300		15		150
15	397		N		10	50	N	-	-		50		700	-	-	700		30		150
16	398		N		10	30	L	-	-		30		300	-	-	300		20		150
17	399		N		10	70	15	-	-		20		500	-	-	300		30		200
18	400		N		10	50	L	-	-		30		500	-	-	300		30		150
19	401	1	L		10	50	10	-	-		30		700	-	-	300		30		150
20	402	2	N		10	50	30	-	-		30		700	-	-	300		30		200
21	403	3	N		N	20	10	-	-		30		500	-	-	500		30		100
22	404	4	N		N	50	10	-	-		10		200	-	-	150		10		50
23	405	5	N	↓	N	100	L	-	-	↓	30	↓	500	-	-	300	↓	20	↓	100
24								-	-					-	-					

LAKE CREEK 1 HOLE PEG

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-13-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/24/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.5	1000	N	N	N	10	150	N	N	N	30	150	100
2	AIG-406	6	10	1.5	3	.3	1000	N			30	500	N			20	100	30
3	407	7	5	1	3	.3	1000	N			30	500	L			10	50	15
4	408	8	10	1.5	2	.5	1500	N			20	300	L			15	50	30
5	409	9	10	1.5	3	.7	1500	.5			20	500	L			20	50	30
6	410	10	10	1.5	3	.3	1500	N			15	300	L			20	30	30
7	411	11	10	1.5	3	.3	1500	N			15	300	L			20	50	70
8	412	12	7	1	3	.7	700	2			20	300	L			15	70	70
9	413	13	10	1.5	2	.3	1000	N			15	300	L			15	30	70
10	414	14	10	1.5	3	.5	1500	N			20	500	L			15	30	30
11	415	15	15	1.5	3	.3	1500	N			30	200	N			20	70	50
12	416	16	10	1.5	3	.5	1500	N			10	300	N			15	70	20
13	417	17	10	1.5	3	.3	2000	N			15	500	N			30	20	20
14	418	18	7	1.5	5	.3	1000	N			15	300	N			20	70	20
15	419	19	10	1.5	3	.5	1500	N			30	200	N			30	50	50
16	420	20	15	1.5	5	.7	2000	N			20	300	N			30	100	50
17	421	21	10	1.5	5	.5	1500	N			30	300	N			20	70	30
18	422		10	1.5	3	.3	500	N			L	300	N			15	100	50
19	423		5	1.5	2	.2	500	N			L	200	N			7	100	30
20	424		5	1.5	1.5	.2	1000	N			10	200	N			10	100	30
21	425		10	1.5	1	.3	1500	N			L	300	1			20	150	50
22	426		5	1.5	.7	.3	1500	N			10	300	1			15	150	50
23	427		5	1	.7	.2	700	N	↓	↓	15	300	L	↓	↓	10	70	30
24																		

LOBEAK LAKE "B" WOODS

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-13-F
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	10	20	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-406	C	N		L	30	10	-	-		20		500	-	-	200		15		100
3	409	7	L		L	10	10	-	-		15		500	-	-	150		20		100
4	408	8	N		N	10	20	-	-		20		300	-	-	200		20		100
5	409	9	L		N	10	15	-	-		20		500	-	-	200		20		100
6	410	10	L		N	10	L	-	-		20		300	-	-	150		20		100
7	411	11	N		N	15	30	-	-		30		300	-	-	200		30		100
8	412	12	L		N	15	70	-	-		20		300	-	-	150		30		150
9	413	13	L		N	10	15	-	-		20		200	-	-	150		30		100
10	414	LAKE CREEK 14	L		N	10	15	-	-		20		500	-	-	200		30		150
11	415	15	N		L	20	L	-	-		30		300	-	-	200		30		70
12	416	16	N		N	10	15	-	-		20		300	-	-	200		20		100
13	417	17	N		L	10	20	-	-		20		500	-	-	200		30		100
14	418	18	N		L	10	10	-	-		20		500	-	-	200		15		70
15	419	19	N		L	15	10	-	-		20		300	-	-	200		30		100
16	420	20	N		10	20	10	-	-		20		300	-	-	200		20		70
17	421	21	N		10	20	10	-	-		20		500	-	-	200		30		100
18	422		N		L	70	L	-	-		20		500	-	-	200		15		100
19	423		N		N	50	10	-	-		15		500	-	-	100		15		70
20	424	LAKE DRAINAGE	N		N	50	20	-	-		15		500	-	-	150		10		70
21	425		N		N	50	15	-	-		20		300	-	-	200		15		70
22	426		N		N	50	15	-	-		20		200	-	-	200		10		70
23	427		N	↓	N	30	10	-	-	↓	15	↓	200	-	-	100	↓	15	↓	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-14-L 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 6/24/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	3	7	.5	1000	N	N	N	10	150	N	N	N	30	150	150
2	AIG-428		10	2	2	.5	700				10	300	L			20	150	70
3	429		5	2	3	.3	700				10	300	L			10	150	50
4	430	↓	7	3	1	.3	700				30	300	N			20	1500	30
5	431	↓	5	2	.7	.2	700				30	300	L			15	500	30
6	432		7	1.5	.7	.2	700				30	300	L			15	200	50
7	433		10	3	1	.3	1000				30	300	L			30	1000	50
8	434		10	5	1.5	.3	1000				30	300	N			50	1500	50
9	435		7	2	.7	.3	500				30	500	L			15	700	30
10	436	LANGLOIS	7	5	1.5	.2	700				30	300	L			30	700	70
11	437		7	5	1	.2	700				30	300	N			30	700	70
12	438		5	1.5	.3	.15	500				30	300	L			10	200	20
13	439		5	2	.3	.3	700				30	300	L			10	500	30
14	440		5	1.5	.3	.15	500				30	300	L			10	200	30
15	441		10	3	1	.2	700	↓	↓	↓	30	500	L	↓	↓	15	300	50
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-14-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	20	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AEG-428		N		N	70	15	-	-		30		300	-	-	200		20		150
3	429		N		N	50	L	-	-		15		500	-	-	150		10		70
4	430		N		N	100	L	-	-		20		100	-	-	200		15		50
5	431		L		L	100	10	-	-		15		100	-	-	150		15		100
6	432		N		N	70	L	-	-		15		150	-	-	150		15		70
7	433		N		N	150	L	-	-		20		100	-	-	200		15		70
8	434		N		N	500	L	-	-		20		L	-	-	200		15		70
9	435	LAUGLOIS	L		L	100	10	-	-		20		150	-	-	150		20		200
10	436		N		L	300	10	-	-		20		100	-	-	200		15		100
11	437		N		L	200	10	-	-		20		100	-	-	200		15		70
12	438		N		N	70	L	-	-		15		L	-	-	150		10		150
13	439		L		L	70	10	-	-		15		L	-	-	150		15		150
14	440		L		L	50	15	-	-		10		L	-	-	150		15		100
15	441		L		L	70	L	-	-		20		200	-	-	200		15		70
16								-	-					-	-					
17								-	-					-	-					
18								-	-					-	-					
19								-	-					-	-					
20								-	-					-	-					
21								-	-					-	-					
22								-	-					-	-					
23								-	-					-	-					
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-26-E 6 Step D. C. Arc REQUESTED BY R. BOWEN ✓ DATE 6/26/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIG-442		15	3	1.5	.5	700				50	1000	L			20	500	70
3	443		10	3	1.5	.5	1000				50	1000	L			20	700	100
4	444		10	2	1.5	.5	700				30	700	L			20	300	70
5	445		5	1.5	.3	.3	500				30	500	L			7	700	70
6	446		10	3	.7	.7	700				50	700	L			20	700	70
7	447		10	3	.7	.3	700				30	700	L			15	700	70
8	448		15	5	.7	.5	1000				70	700	L			20	1500	70
9	449		10	5	.5	.5	700				50	500	L			30	700	50
10	450		10	3	.5	.3	700				50	500	L			10	200	30
11	451		10	3	.7	.3	700				30	500	L			20	300	50
12	452		7	3	.7	.3	700				30	700	L			20	700	50
13	453		10	3	.7	.3	700				50	700	L			20	700	70
14	454		7	1.5	.7	.3	500				20	700	L			10	150	15
15	455		10	2	.7	.3	1000				20	700	L			20	500	20
16	456		10	2	1	.7	700				30	1000	L			20	3000	20
17	457		10	2	.5	.3	700				30	700	L			15	700	30
18	458		15	5	.7	.5	1000				50	700	L			30	1500	70
19	459		15	5	1	.5	1000				50	700	L			30	1000	70
20	460		15	2	1	.5	700				30	700	N			15	1000	50
21	461		10	2	.7	.5	700				50	700	L			15	500	50
22	462		10	2	1	.5	700				50	700	L			20	700	30
23	463		3	.7	.5	.3	300	↓	↓	↓	20	700	L	↓	↓	5	200	15
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-26-C
REPORT NO. HA-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	N	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AZ6-442		L		L	150	L	-	-		30		300	-	-	300		20		100
3	443		N		N	150	L	-	-		30		300	-	-	200		20		100
4	444		N		N	100	N	-	-		30		300	-	-	300		15		100
5	445		L		N	70	10	-	-		10		L	-	-	150		10		100
6	446		L		10	300	10	-	-		20		L	-	-	200		20		150
7	447		L		N	200	L	-	-		20		L	-	-	200		20		150
8	448		L		L	200	10	-	-		30		L	-	-	200		20	L	150
9	449		L		L	200	10	-	-		30		L	-	-	200		15	L	150
10	450		N		N	70	L	-	-		30		L	-	-	200		20	L	100
11	451		L		L	150	10	-	-		30		L	-	-	200		15	L	100
12	452		L		L	100	15	-	-		20		100	-	-	150		20	L	150
13	453		L		10	100	15	-	-		20		100	-	-	150		20	N	150
14	454		N		10	70	10	-	-		10		100	-	-	100		15	N	150
15	455		N		L	100	10	-	-		15		100	-	-	150		15	N	100
16	456		70		10	150	L	-	-		20		100	-	-	200		30	N	500
17	457		L		L	100	15	-	-		20		100	-	-	200		15	N	150
18	458		N		10	300	20	-	-		30		L	-	-	200		30	N	150
19	459		N		10	300	15	-	-		20		N	-	-	200		20	N	150
20	460		N		10	150	15	-	-		15		N	-	-	200		15	N	300
21	461		N		L	100	15	-	-		20		L	-	-	200		15	N	150
22	462		L		L	100	15	-	-		20		100	-	-	150		30	N	200
23	463		N	↓	L	50	10	-	-	↓	7	↓	100	-	-	100	↓	15	N	200
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-27-F 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 6/27/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	7	15	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIG-464		3	.5	.7	.2	300				30	500	N			5	300	7
3	465		10	2	.7	.3	1000				30	500	L			15	500	50
4	466		10	2	1	.3	700				30	700	L			15	700	50
5	467		7	2	.7	.3	700				30	500	L			15	300	30
6	468		10	1.5	.7	.3	1500				50	500	L			20	200	50
7	469		7	2	.7	.3	1000				50	700	L			15	1000	50
8	470		10	2	.7	.3	1500				50	500	L			20	200	50
9	471		15	3	7	.7	2000				10	100	N			20	30	100
10	472		10	1.5	3	.3	1000				10	100	N			10	5	70
11	473		10	2	2	.2	1500				10	300	N			10	50	100
12	474		10	2	3	.5	1500				10	150	N			7	15	50
13	475		15	5	10	.7	2000				10	100	N			30	1000	100
14	476		15	5	7	.3	1500				10	100	N			20	500	70
15	477		20	7	10	.7	2000				10	150	N			50	300	200
16	478		10	2	3	.5	1500				L	200	N			15	15	100
17	479		10	1.5	5	.3	1500				10	150	N			10	10	100
18	480		10	1.5	.7	.3	1000				70	700	L			10	150	70
19	481		10	1.5	.7	.5	1500				70	700	1			10	150	70
20	482		10	2	.7	.5	1000				70	1000	1			15	150	70
21	483		5	1	1	.3	1500				30	700	L			10	70	30
22	484		10	1.5	1	.3	700				30	700	L			10	150	50
23	495		7	1.5	1	.3	700				30	700	L			7	100	50
24																		

LANGLOIS

MARIAC

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-27-5
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	10	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AEG-464		N		L	30	L	-	-		7		100	-	-	100		L		200
3	465		L		10	100	10	-	-		15		L	-	-	200		20		150
4	466		L		L	100	15	-	-		15		100	-	-	150		20		200
5	467		L		10	100	20	-	-		15		L	-	-	150		20		200
6	468		L		L	100	30	-	-		20		100	-	-	200		20		100
7	469		20		L	100	20	-	-		20		100	-	-	200		20		200
8	470		L		L	100	20	-	-		20		100	-	-	200		20		100
9	471		N		N	15	N	-	-		50		200	-	-	300		30		70
10	472		N		N	5	N	-	-		30		150	-	-	200		20		30
11	473		N		N	15	N	-	-		30		100	-	-	200		20		50
12	474		N		L	5	N	-	-		30		100	-	-	200		15		30
13	475		N		L	150	N	-	-		50		300	-	-	300		30		100
14	476		N		N	50	N	-	-		50		200	-	-	300		15		20
15	477		N		L	50	N	-	-		70		200	-	-	700		20		70
16	478		N		L	5	L	-	-		30		150	-	-	300		20		70
17	479		N		L	5	L	-	-		30		300	-	-	200		20		70
18	480		L		L	50	15	-	-		20		200	-	-	200		20	L	150
19	481		L		L	70	15	-	-		20		100	-	-	200		20	N	200
20	482		20		L	100	30	-	-		20		100	-	-	200		30	L	200
21	483		L		N	30	15	-	-		15		100	-	-	100		20	N	100
22	484		L		L	50	15	-	-		15		150	-	-	150		15	N	100
23	485		L		L	30	10	-	-		15		150	-	-	100		15	N	200
24								-	-					-	-					

LAUGHLIN MARINE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-31-F 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////////	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-486		3	1.5	.7	.2	700				30	500	L			7	100	50
3	487		5	1.5	.7	.3	700				30	500	L			7	100	30
4	488		3	1.5	.5	.3	500				30	500	L			7	100	20
5	489		5	1.5	.5	.3	700				50	500	L			7	100	30
6	490		7	1.5	.7	.3	700				50	500	L			7	100	30
7	491		5	1.5	.5	.3	700				50	700	1			10	150	50
8	492		5	1.5	.7	.3	700				50	700	1			7	150	30
9	493		7	1.5	.2	.3	1000				70	1000	1			20	150	50
10	494		5	1.5	.3	.3	700				50	500	L			7	100	30
11	495		5	1	.5	.3	500				50	500	L			7	150	50
12	496		5	1	.7	.3	500				30	500	L			5	150	30
13	497		7	1	.2	.3	700				50	700	L			7	150	50
14	498		7	1.5	.7	.3	700				30	500	L			10	200	30
15	499		7	1.5	.3	.3	700				30	500	L			7	100	30
16	500		7	3	.7	.3	700				30	500	L			15	200	50
17	501		5	2	.5	.3	700				50	500	L			10	150	70
18	502		5	1.5	.3	.2	700				50	700	L			7	100	30
19	503		5	1.5	.2	.3	700				50	700	1			7	150	70
20	504		10	2	1.5	.7	1000				50	700	L			7	1000	50
21	505		5	1.5	5	.3	700				30	500	L			7	100	50
22	506		2	.5	1	.2	300				15	300	L			5	70	20
23	507		5	1	.7	.3	500	↓	↓	↓	20	500	L	↓	↓	5	70	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-31-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AI6-486		20		L	20	20	-	-		10		200	-	-	150		15		100
3	487		20		L	20	15	-	-		10		200	-	-	150		15		100
4	488		L		L	30	L	-	-		10		100	-	-	150		15		200
5	489		20		10	50	15	-	-		15		200	-	-	150		20		100
6	490		20		L	50	20	-	-		15		200	-	-	200		15		100
7	491		20		L	70	20	-	-		20		150	-	-	200		15		100
8	492		20		L	30	10	-	-		15		200	-	-	150		20		200
9	493		20		10	70	10	-	-		20		100	-	-	200		30		150
10	494		20		L	50	10	-	-		15		100	-	-	150		15		150
11	495		20		L	30	10	-	-		15		100	-	-	150		15		100
12	496		20		L	20	20	-	-		15		200	-	-	150		15	↓	200
13	497		20		L	50	20	-	-		15		100	-	-	200		15	L	100
14	498		20		L	70	15	-	-		20		100	-	-	150		15	N	200
15	499		20		L	30	20	-	-		15		100	-	-	150		15	N	160
16	500		L		L	150	15	-	-		20		100	-	-	150		15	L	100
17	501		20		L	50	20	-	-		20		100	-	-	150		20	N	150
18	502		L		L	30	20	-	-		15		100	-	-	150		15	N	100
19	503		20		L	30	20	-	-		20		L	-	-	150		20	N	150
20	504		20		L	50	20	-	-		20		200	-	-	200		20	N	500
21	505		20		L	20	20	-	-		10		L	-	-	150		15	N	100
22	506		L		N	10	15	-	-		7		150	-	-	70		10	N	30
23	507		20	↓	L	20	10	-	-	↓	7	↓	200	-	-	100	↓	10	N	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-32-E 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 7/17/68

REPORT NO. HA1-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	10	.7	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-508		10	1.5	1.5	.5	700				20	200	L			7	300	50
3	509		10	1	.2	.3	700				30	300	L			7	70	50
4	510		10	1.5	.3	.3	700				50	300	L			10	70	70
5	511		7	1.5	1.5	.3	700				10	150	L			7	150	50
6	512		10	2	1	.3	700				30	300	L			7	200	50
7	513		7	1.5	.2	.2	700				30	300	L			7	100	50
8	514		7	1.5	.3	.3	700				50	300	L			7	70	50
9	515		7	1.5	.2	.2	500				50	300	L			7	70	60
10	516		5	1.5	.7	.15	500				30	300	L			5	70	70
11	517		5	1.5	.7	.15	500				30	200	L			7	150	70
12	518		7	1.5	.3	.2	500				50	300	1			7	100	70
13	519		5	1	.5	.15	500				30	300	L			7	70	30
14	520		3	1	.3	.15	300				30	300	1			5	100	30
15	521		5	1.5	.3	.15	500				30	300	L			5	100	20
16	522		7	2	3	.15	700				L	70	N			15	150	70
17	523		5	1.5	1.5	.15	500				10	300	L			5	150	30
18	524		5	1	.3	.15	300				10	300	N			7	150	20
19	525		7	1.5	1	.2	700				30	300	L			10	200	50
20	526		10	1	.7	.3	500				30	300	L			7	150	70
21	527		7	1	.5	.3	500				30	300	L			7	1000	50
22	528		5	1	.3	.15	300				20	300	L			7	200	30
23	529		15	5	7	.5	1500	↓	↓	↓	15	50	N	↓	↓	20	150	100
24																		

MARPA

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-32-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-508		N		N	70	10	-	-		10		200	-	-	200		15	N	100
3	509		L		N	50	15	-	-		10		N	-	-	150		15	N	70
4	510		L		N	50	15	-	-		15		100	-	-	150		15	N	100
5	511		L		N	70	L	-	-		15		200	-	-	150		15	N	70
6	512		L		L	50	20	-	-		15		150	-	-	150		15	N	150
7	513		20		L	50	30	-	-		15		100	-	-	150		15	N	150
8	514		20		L	50	20	-	-		15		100	-	-	150		15	L	100
9	515		L		L	50	20	-	-		15		100	-	-	150		15	N	100
10	516		L		L	30	30	-	-		15		100	-	-	150		15	N	150
11	517	MARIA	L		N	50	30	-	-		15		100	-	-	150		15	N	100
12	518		20		10	50	30	-	-		15		150	-	-	150		15	L	150
13	519		20		N	30	20	-	-		15		100	-	-	150		15	N	150
14	520		20		L	30	20	-	-		15		100	-	-	150		15	N	100
15	521		L		L	50	10	-	-		10		100	-	-	150		10	L	100
16	522		L		N	50	20	-	-		20		100	-	-	200		15	N	30
17	523		20		L	30	20	-	-		10		200	-	-	150		15	N	150
18	524		L		L	50	L	-	-		10		150	-	-	150		10	N	150
19	525		L		N	70	10	-	-		15		150	-	-	150		15	N	100
20	526		L		L	50	10	-	-		15		100	-	-	200		15	N	150
21	527		20		L	70	10	-	-		15		150	-	-	150		15	N	200
22	528		L		N	70	L	-	-		10		150	-	-	100		10	N	100
23	529		N	↓	N	50	L	-	-	↓	30	↓	300	-	-	300	↓	20	L	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-33-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	10	.7	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-530		10	2	1.5	.2	700	L			15	150	N			10	100	100
3	531		5	1.5	.7	.2	500	N			20	200	L			5	100	50
4	532		7	2	.3	.3	700				30	300	L			10	150	70
5	533	1	7	1.5	1.5	.3	1000				30	300	L			15	150	50
6	534	2	5	1.5	2	.15	500				15	300	L			7	150	70
7	535	3	5	1.5	2	.2	700				10	300	L			7	200	30
8	536	4	10	1.5	2	1	700				L	300	N			5	150	20
9	537	5	3	1	1.5	.3	500				L	300	L			5	70	30
10	538	6	3	1.5	1.5	.2	700				L	300	1			5	50	15
11	539	7	3	1.5	1.5	.2	700				L	300	L			7	70	15
12	540	8	2	.7	1	.15	500				L	300	L			5	30	20
13	541	9	5	1.5	1	.3	700				15	300	L			10	200	50
14	542	10	5	1.5	3	.2	700				20	300	L			10	150	70
15	543	11	5	2	2	.2	700				10	300	N			10	150	70
16	544		3	1	.3	.15	500				30	300	L			7	50	30
17	545		7	1.5	.3	.2	700				30	300	L			10	100	50
18	546		5	1.5	.2	.15	500				30	300	L			7	70	30
19	547		3	1	.3	.15	300				20	300	L			5	30	15
20	548		7	1.5	.5	.5	700				50	500	2			10	100	30
21	549		5	1	.5	.15	500				20	300	L			5	30	20
22	550		3	1	.7	.3	700				30	500	1			5	70	20
23	551		3	1	.5	.2	500	↓	↓	↓	20	300	1	↓	↓	5	30	20
24																		

WASHED AT EMU

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-33-5
REPORT NO. HM-1006

ANALYST J. MOTOCKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-530		N		N	30	30	-	-		20		100	-	-	200		15		50
3	531		L		N	30	15	-	-		15		100	-	-	150		10		50
4	532		L		L	50	20	-	-		15		L	-	-	200		15		100
5	533	1	L		L	50	15	-	-		15		300	-	-	200		15		100
6	534	2	L		N	30	10	-	-		15		300	-	-	200		10		50
7	535	3	L		N	50	L	-	-		15		300	-	-	150		10		150
8	536	4	70		30	20	N	-	-		10		300	-	-	300		70		300
9	537	5	20		L	15	15	-	-		7		500	-	-	150		20		100
10	538	6	20		N	15	10	-	-		10		500	-	-	150		15		100
11	539	7	20		N	20	10	-	-		10		300	-	-	150		15		150
12	540	8	L		L	10	10	-	-		5		300	-	-	70		10		50
13	541	9	L		L	50	20	-	-		10		200	-	-	150		15		100
14	542	10	20		N	30	10	-	-		20		300	-	-	200		20		100
15	543	11	L		L	50	15	-	-		20		300	-	-	200		15		70
16	544		L		L	20	20	-	-		10		L	-	-	150		10		100
17	545		L		N	30	20	-	-		15		L	-	-	200		15		100
18	546		N		N	30	20	-	-		10		N	-	-	150		10		70
19	547		N		L	15	10	-	-		7		L	-	-	100		L		100
20	548		20		10	30	15	-	-		15		100	-	-	150		20		200
21	549		20		10	20	10	-	-		7		L	-	-	100		10		150
22	550		L		10	15	10	-	-		7		100	-	-	70		15		300
23	551		L		10	15	10	-	-		7		100	-	-	70		10		150
24								-	-					-	-					

Medford

Mt Emily

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-34-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	3	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-552		7	1.5	.3	.3	700				50	300	1			7	70	50
3	553		2	.3	.3	.1	200				L	200	L			L	70	15
4	554		7	1.5	.2	.3	700				30	300	L			7	150	50
5	555		7	1.5	.2	.3	700				50	300	L			5	100	30
6	556		5	1.5	.3	.2	500				30	300	L			7	70	50
7	557		3	1.5	.2	.15	300				30	300	L			5	70	50
8	558		7	1.5	.3	.2	700				30	300	L			10	100	30
9	559		7	1.5	.5	.3	700				50	500	1			10	100	50
10	560		7	1	.2	.15	500				30	300	L			7	50	30
11	561		7	1	.2	.3	700				50	300	1			7	70	50
12	562		5	1	.7	.2	500				30	300	L			5	70	70
13	563		7	1.5	.3	.2	300				30	300	L			7	300	20
14	564		10	1.5	.3	.3	700				50	300	L			7	100	50
15	565		7	1.5	.5	.3	700				30	500	L			7	70	50
16	566		10	1.5	.3	.3	700				50	500	L			10	100	70
17	567		5	1	.2	.2	700				30	300	L			7	70	30
18	568		7	1.5	.3	.2	700				50	300	L			10	150	50
19	569		10	2	.3	.2	700				50	500	L			10	100	70
20	570		10	2	.3	.2	700				30	300	L			10	100	70
21	571		10	1.5	.3	.2	500				30	300	L			7	150	50
22	572		7	1.5	.3	.2	500				30	300	L			5	100	30
23	573		7	1.5	.3	.3	700	↓	↓	↓	30	300	L	↓	↓	7	70	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-34-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-552		20		10	50	10	-	-		15		100	-	-	150		15	L	150
3	553		L		L	10	10	-	-		L		100	-	-	30		L	N	150
4	554		L		N	50	20	-	-		10		L	-	-	150		15	N	100
5	555		20		L	50	15	-	-		15		N	-	-	150		15	N	70
6	556		L		L	30	20	-	-		10		L	-	-	150		15	N	50
7	557		L		N	20	20	-	-		7		L	-	-	100		10	N	50
8	558		L		10	30	20	-	-		10		100	-	-	150		15	N	100
9	559	EMILY	20		L	30	20	-	-		15		100	-	-	150		20	N	100
10	560		L		10	30	15	-	-		7		100	-	-	150		15	N	150
11	561		20		L	30	20	-	-		15		100	-	-	150		15	N	150
12	562		20		L	20	20	-	-		10		200	-	-	100		15	N	150
13	563		L		L	100	10	-	-		10		L	-	-	150		15	N	150
14	564		L		L	50	15	-	-		15		L	-	-	200		15	L	100
15	565		20		L	30	20	-	-		15		150	-	-	150		15	N	200
16	566		20		L	50	20	-	-		20		L	-	-	200		20	N	150
17	567		20		N	30	20	-	-		10		L	-	-	150		15	N	50
18	568		20		N	50	20	-	-		15		L	-	-	150		15	N	70
19	569		L		10	50	30	-	-		15		L	-	-	150		15	L	70
20	570		L		L	50	30	-	-		10		L	-	-	200		10	N	70
21	571		L		L	50	15	-	-		15		N	-	-	200		15	N	150
22	572		L		L	30	10	-	-		15		L	-	-	150		15	N	70
23	573		L	↓	N	30	20	-	-	↓	15	↓	L	-	-	150	↓	15	N	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for.
☆=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-50-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-574		5	1.5	.3	.2	500				30	300	L			5	70	30
3	575		3	1	.2	.15	500				30	300	L			5	50	20
4	576		5	1	.3	.2	500				30	300	L			5	30	20
5	577		5	1	.3	.2	700				30	300	L			7	50	50
6	578		2	.5	.2	.15	300				20	300	L			L	20	20
7	579		2	1	.3	.2	500				30	300	1			5	30	20
8	580		2	1	.3	.15	500				30	300	L			5	20	20
9	581		5	1.5	.2	.2	700				30	300	L			10	70	30
10	582		3	.7	.3	.15	300				20	300	L			5	30	15
11	583		3	.7	.15	.2	500				30	300	L			7	70	20
12	584		3	1	.2	.2	500				30	300	L			7	70	20
13	585		5	1.5	.3	.2	700				50	500	L			7	70	50
14	586		5	1.5	.3	.2	700				30	300	L			10	70	50
15	587		5	1.5	.3	.2	700				50	300	L			7	100	60
16	588		5	1	.3	.2	700				30	500	L			7	70	30
17	589		7	1.5	.2	.2	700				50	500	L			7	70	50
18	590		2	.5	.2	.15	200				20	200	L			5	20	15
19	591		3	1.5	.3	.15	700				30	300	L			7	70	30
20	592		3	1.5	.5	.15	700				30	300	L			7	50	30
21	593		5	1.5	.3	.2	700				30	300	L			10	100	50
22	594		3	1.5	.3	.2	500				30	300	L			5	70	30
23	595	52	5	1.5	.2	.2	700	↓	↓	↓	30	300	1.5	↓	↓	7	100	20
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-50-5
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	10	-	-	N	30	N	200	*	-	300	N	20	N	100
2	AIG-574		L		L	30	L	-	-		10		L	-	-	150		15		150
3	575		L		L	30	L	-	-		7		100	-	-	100		10		150
4	576		L		L	30	10	-	-		10		100	-	-	100		15		100
5	577		L		L	30	15	-	-		10		100	-	-	150		15		200
6	578		20		10	15	10	-	-		7		L	-	-	70		10		100
7	579		20		L	20	20	-	-		10		150	-	-	70		15		150
8	580		20		15	15	20	-	-		7		150	-	-	50		15		150
9	581		L		N	30	15	-	-		15		L	-	-	150		15		100
10	582		L		L	15	10	-	-		7		100	-	-	70		10		100
11	583		L		L	20	10	-	-		10		100	-	-	150		15		100
12	584		20		L	20	10	-	-		10		100	-	-	150		15		150
13	585		L		L	30	20	-	-		15		L	-	-	150		15		100
14	586		L		N	30	20	-	-		15		L	-	-	150		15		150
15	587		L		L	30	30	-	-		15		L	-	-	150		15		70
16	588		L		L	30	10	-	-		15		L	-	-	150		10		70
17	589		20		20	30	20	-	-		15		150	-	-	150		15		200
18	590		L		L	15	L	-	-		5		100	-	-	70		10		150
19	591		L		L	30	20	-	-		10		L	-	-	150		10		100
20	592		L		10	20	20	-	-		7		100	-	-	150		15		200
21	593		L		L	50	50	-	-		15		N	-	-	150		15		70
22	594		L		L	30	15	-	-		10		L	-	-	100		10		200
23	595	52	L	↓	20	30	15	-	-	↓	10	↓	L	-	-	150	↓	20	↓	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-51-E
REPORT NO. HM1-1006
6 Step D. C. Arc
REQUESTED BY R. BOWEN
DATE 7/17/68
SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-596	53	5	1.5	.5	.2	500		N		30	300	L			5	50	30
3	597	54	5	1	.3	.2	500		N		20	300	L			5	30	20
4	598	56	3	.7	.5	.2	300		N		20	300	L			5	30	15
5	599	57	5	1.5	.2	.2	500		N		30	300	L			7	70	20
6	600	58	5	1.5	.15	.2	700		N		50	300	1			7	50	30
7	601	59	7	1	.3	.2	1000		200		30	300	3			7	70	70
8	602	60	7	1.5	.3	.2	700		N		30	300	L			10	100	50
9	603		7	1.5	.3	.2	700		N		50	300	1			7	70	70
10	604		7	1.5	.3	.2	700		N		30	300	L			10	100	30
11	605	EMH4	7	1.5	.2	.2	700		N		50	300	L			15	150	30
12	606		5	1.5	.3	.2	700		N		50	500	1			10	70	50
13	607		10	2	.3	.3	1000		N		70	700	1			20	150	100
14	608		10	1.5	.2	.3	700		N		70	300	L			20	100	70
15	609		10	1.5	.5	.5	700		N		70	700	1			15	100	70
16	610	MT	7	1.5	.5	.3	700		N		50	500	1			10	100	50
17	611		3	.7	.3	.2	500		N		30	300	1			5	30	20
18	612		7	1.5	.5	.3	700		N		50	500	1			10	100	30
19	613		3	1	.15	.15	500		N		30	300	L			5	50	20
20	614		5	1.5	.3	.2	700		N		50	500	1			5	70	30
21	615		5	1.5	.2	.3	700		N		50	500	1			7	150	70
22	616		10	3	.5	.5	1000		N		70	500	1			20	500	70
23	617		7	1.5	.3	.3	1000		N		50	500	1.5			20	150	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-51-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIG-5%	53	L	N	L	20	10	-	-		7	N	100	-	-	100		10		150
3	597	54	L	N	L	15	L	-	-		7	N	150	-	-	100		10		200
4	598	56	L	N	L	15	L	-	-		7	N	150	-	-	70		15		300
5	599	57	L	N	L	20	L	-	-		10	N	100	-	-	150		10		100
6	600	58	20	N	20	20	30	-	-		7	L	100	-	-	150		15		100
7	601	59	50	15	70	20	30	-	-		10	L	100	-	-	100		30		200
8	602		N	N	L	50	10	-	-		15	N	L	-	-	150		15		150
9	603		L	N	10	30	20	-	-		15	N	100	-	-	150		15		100
10	604		L	N	L	50	20	-	-		15	L	L	-	-	150		15		200
11	605	Mt Fan. 14	L	N	10	50	15	-	-		20	N	L	-	-	150		20		150
12	606		20	N	L	30	30	-	-		15	N	L	-	-	150		15		150
13	607		L	N	10	50	30	-	-		20	N	L	-	-	300		30		150
14	608		L	N	L	50	15	-	-		20	N	N	-	-	200		20		150
15	609		20	N	10	50	20	-	-		20	N	L	-	-	200		15		150
16	610		20	N	10	30	20	-	-		15	N	100	-	-	150		20		150
17	611		20	N	20	15	15	-	-		7	N	150	-	-	100		10		300
18	612		20	N	10	50	15	-	-		15	N	100	-	-	200		20		200
19	613		L	N	L	20	10	-	-		10	N	100	-	-	150		10		150
20	614		50	N	10	30	15	-	-		15	N	150	-	-	150		15		200
21	615		20	N	10	30	20	-	-		15	N	L	-	-	150		15		100
22	616		20	N	10	100	20	-	-		20	N	100	-	-	200		20		150
23	617		20	N	N	50	20	-	-		15	N	L	-	-	200		20		150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-52-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. HA1-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	10	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-618		15	3	3	.5	1000				30	700	L			30	300	100
3	619		15	5	3	.5	1000				70	700	L			30	200	70
4	620		10	1.5	.3	.5	1000				50	700	1			15	150	70
5	621		7	1.5	.7	.5	700				30	700	L			10	150	50
6	622		15	2	.3	.7	1000				70	700	1			20	150	70
7	623		10	1.5	.15	.3	1000				50	500	1			7	100	50
8	624		7	1.5	.2	.3	700				30	500	1			7	150	50
9	625		7	1.5	.15	.3	700				30	500	1			7	100	50
10	626		10	2	.2	.5	1500				70	700	1.5			10	150	70
11	627		10	1.5	.3	.3	700				70	500	L			10	200	70
12	628		15	3	.3	.7	700				70	700	L			15	300	100
13	629		15	3	.3	.7	700				70	500	L			20	200	100
14	630		15	1.5	.3	.3	1000				70	700	L			15	150	100
15	631		10	2	.5	.3	700				50	700	L			10	100	70
16	632		10	1.5	.3	.2	700				50	700	L			10	100	70
17	633		10	2	1	.5	1000				70	700	L			20	200	70
18	634		10	.7	1	.5	1000				L	300	L			20	200	70
19	635		10	1	1	.5	1000				L	300	L			20	200	70
20	636		15	.7	.7	.5	1000				L	300	1			15	150	70
21	637		10	.5	.5	.3	1000				L	200	1			10	100	70
22	638		15	1.5	.7	.7	500				L	300	N			7	200	70
23	639		3	.5	1	.3	300				10	200	L			L	30	70
24																		

MATTEHLY

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-52-F
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-.	-	300	N	20	N	100
2	AIG-618		N		L	70	15	-	-		30		200	-	-	300		20		100
3	619		N		L	100	15	-	-		30		100	-	-	500		30		100
4	620		20		L	50	15	-	-		20		L	-	-	200		30		150
5	621		L		10	30	20	-	-		20		200	-	-	150		20		150
6	622		L		10	70	30	-	-		30		100	-	-	200		30		150
7	623		L		L	50	10	-	-		20		L	-	-	150		15		100
8	624		L		10	30	15	-	-		15		L	-	-	150		20		150
9	625		L		L	50	L	-	-		15		L	-	-	150		20	↓	100
10	626		L		L	50	20	-	-		20		L	-	-	200		20	L	150
11	627		L		L	50	15	-	-		15		L	-	-	150		20	N	200
12	628		L		10	100	15	-	-		20		L	-	-	300		30	N	200
13	629		20		10	100	50	-	-		20		L	-	-	200		30	N	200
14	630		L		10	50	30	-	-		20		100	-	-	150		20	N	150
15	631		L		L	30	15	-	-		15		100	-	-	150		20	N	150
16	632		N		L	30	20	-	-		15		L	-	-	150		15	N	150
17	633		L		L	100	30	-	-		20		100	-	-	200		20	N	150
18	634		L		N	70	15	-	-		20		150	-	-	200		30	N	70
19	635		L		N	70	15	-	-		20		200	-	-	200		30	N	100
20	636		20		N	50	20	-	-		20		200	-	-	150		50	N	70
21	637		20		N	50	15	-	-		20		100	-	-	200		30	N	30
22	638		L		N	100	15	-	-		20		150	-	-	300		30	N	150
23	639		L	↓	N	20	10	-	-	↓	10	↓	150	-	-	70	↓	15	N	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-53-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/17/68

REPORT NO. M-M-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-640		7	2	1	.3	700				L	150	L			15	100	30
3	641		10	2	2	.7	1000				L	200	N			20	150	50
4	642		10	2	2	.7	1000				L	300	L			20	150	50
5	643		7	1.5	3	.5	700				10	300	N			10	70	20
6	644		7	1	.7	.3	700				10	200	L			15	100	30
7	645		7	1	1	.3	1000				10	300	L			15	70	30
8	646		10	1.5	1	1	1000				10	200	L			15	150	50
9	647		15	5	.5	.2	700				L	100	N			30	500	30
10	648		10	3	1.5	.3	700				L	150	L			20	150	30
11	649		5	.5	.2	.2	500				L	150	1.5			10	100	30
12	650		7	1.5	1.5	.2	500				L	150	L			15	150	30
13	651		5	1	1	.3	700				L	150	L			15	200	30
14	652		7	.7	.7	.3	700				L	300	L			15	100	30
15	653		10	1	1	.5	700				L	300	L			15	150	50
16	654		7	1	1.5	.7	700				L	300	L			10	100	20
17	655		5	.7	.7	.3	700				L	150	N			10	100	20
18	656		5	.7	.7	.3	700				L	200	L			10	70	20
19	657		10	1	.7	.2	700				L	200	)			20	200	70
20	658		5	.7	.7	.2	700				L	150	L			10	150	50
21	659		10	3	1.5	.3	700				L	200	N			20	150	50
22	660	1	7	2	1	.3	700				20	150	N			15	700	50
23	661	2	10	3	1	.3	700	↓	↓	↓	15	70	N	↓	↓	20	1000	50
24																		

M-1 McLaughlin

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-53-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-640		N			50	N	-	-		20		200	-	-	150		15		50
3	641		N			70	L	-	-		30		500	-	-	300		20		70
4	642		N			100	L	-	-		30		500	-	-	200		20		70
5	643		N			15	L	-	-		20		500	-	-	200		15		70
6	644		L			30	N	-	-		20		300	-	-	150		30		70
7	645		L			30	10	-	-		15		300	-	-	150		30		70
8	646		L			50	L	-	-		30		300	-	-	200		20		100
9	647		N			200	L	-	-		15		100	-	-	150		10		30
10	648		N			100	L	-	-		15		300	-	-	150		10		50
11	649		20			50	L	-	-		10		100	-	-	150		20		50
12	650		L			70	10	-	-		15		300	-	-	150		15		50
13	651		N			50	L	-	-		15		300	-	-	300		15		70
14	652		L		↓	50	L	-	-		15		300	-	-	200		20		70
15	653		L		L	30	15	-	-		20		300	-	-	200		30		100
16	654		20		L	15	10	-	-		20		300	-	-	150		20		100
17	655		L		N	20	L	-	-		15		200	-	-	150		15		70
18	656		L		N	20	L	-	-		10		300	-	-	150		15		70
19	657		20		N	50	15	-	-		30		150	-	-	200		30		70
20	658		20		N	50	15	-	-		15		150	-	-	150		20		70
21	659		N		N	70	L	-	-		20		300	-	-	200		15		70
22	660	1	N		N	150	L	-	-		20		100	-	-	200		15		70
23	661	2	N	↓	N	200	N	-	-	↓	20	↓	L	-	-	200	↓	15	↓	50
24								-	-					-	-					

Mt. Mt. Lovoblin

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-54-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/18/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	5	.3	1000	N	N	N	L	150	N	N	N	30	150	70
2	AIG-662	3	10	2	2	.5	1000				30	30	N			10	150	70
3	663	4	10	5	1.5	.3	700				70	20	N			30	2000	50
4	664	5	7	3	1	.3	700				10	150	N			20	700	70
5	665	6	5	3	.7	.2	700				L	150	N			20	3000	20
6	666	7	5	2	1.5	.3	700				L	200	N			15	1000	50
7	667	8	5	2	1	.3	700				L	150	N			15	1000	30
8	668	9	3	2	.5	.2	500				L	500	L			10	700	30
9	669	10	7	3	.7	.3	700				L	700	L			20	700	50
10	670	11	5	3	1.5	.3	700				10	500	L			15	700	30
11	671	12	5	2	1	.2	700				L	300	N			20	300	50
12	672	13	5	2	1.5	.15	700				L	200	L			7	150	20
13	673	14	3	1.5	.7	.15	500				L	300	L			5	70	20
14	674	15	7	3	1	.15	700				L	300	N			30	1500	50
15	675	16	5	2	1	.2	700				L	300	N			20	500	70
16	676	17	10	3	3	.3	700				L	300	N			20	200	20
17	677	18	7	2	2	.3	700				L	300	L			15	150	30
18	678	19	10	3	3	.3	700				L	200	N			20	200	30
19	679	20	7	1.5	1.5	.7	700				20	30	N			30	150	70
20	680	21	5	2	2	.2	700				L	200	N			15	300	20
21	681	22	10	1.5	1.5	.5	700				L	50	N			30	G(5000)	30
22	682	23	7	1	1	.3	1000				L	200	N			15	150	70
23	683	24	10	3	2	.5	700	↓	↓	↓	L	50	N	↓	↓	30	700	50
24																		

OREGON COUES

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-54-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	10	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AI6-662	3				70	L	-	-		30		150	-	-	300		30		50
3	663	4				500	N	-	-		20		L	-	-	200		15		30
4	664	5				200	L	-	-		20		150	-	-	200		20		50
5	665	6				200	N	-	-		15		100	-	-	150		15		30
6	666	7				150	200	-	-		20		150	-	-	200		15		30
7	667	8	↓			150	L	-	-		20		100	-	-	200		15		30
8	668	9	20			100	15	-	-		15		150	-	-	150		15		50
9	669	10	L			200	10	-	-		15		200	-	-	200		20		70
10	670	11	N			150	L	-	-		20		300	-	-	150		15		70
11	671	12	N			200	N	-	-		15		150	-	-	150		15		70
12	672	13	N			30	15	-	-		20		100	-	-	150		15		200
13	673	14	L			30	15	-	-		10		200	-	-	150		10		150
14	674	15	N			200	20	-	-		15		150	-	-	150		15		70
15	675	16	N			150	L	-	-		15		300	-	-	200		15		70
16	676	17	N			50	N	-	-		30		300	-	-	300		15		100
17	677	18	N			20	L	-	-		30		200	-	-	200		20		150
18	678	19	N			50	N	-	-		30		200	-	-	300		20		150
19	679	20	N			50	N	-	-		30		150	-	-	200		20		70
20	680	21	N			70	N	-	-		30		100	-	-	150		15		200
21	681	22	N			150	N	-	-		20		150	-	-	300		15		50
22	682	23	N			50	N	-	-		30		L	-	-	200		30		70
23	683	24	N	↓	↓	200	L	-	-	↓	30	↓	150	-	-	300	↓	20	↓	50
24								-	-					-	-					

OREGON (GUS)

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-55-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/18/68

REPORT NO. HM-1006C SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	5	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-684	25	7	3	3	.3	1000				L	200	N			15	300	50
3	685	26	5	2	1.5	.3	700				L	150	N			15	300	70
4	686	27	10	3	2	.2	700				L	200	N			20	1500	30
5	687	28	7	3	3	.3	700				L	300	N			15	1500	20
6	688	29	5	2	1.5	.3	700				L	300	L			10	700	50
7	689	30	5	2	1.5	.15	700				L	200	N			15	200	70
8	690	31	10	3	2	.2	700				L	200	N			15	300	30
9	691	32	7	2	2	.3	700	1.5			30	300	N			15	600	20
10	692	33	7	2	2	.2	700	N			50	300	N			20	300	30
11	693	34	7	1.0	1.5	.2	700	N			L	500	N			20	150	50
12	694	35	15	3	3	.3	700	N			L	150	N			30	200	20
13	695	36	7	2	3	.2	700	N			L	150	N			20	150	30
14	696	37	10	2	3	.3	700	N			L	200	N			15	100	30
15	697	38	10	3	3	.5	1000	N			L	150	N			20	150	30
16	698	39	15	2	3	.7	1000	N			L	200	N			20	150	20
17	699	40	5	2	2	.15	700	N			20	300	N			15	500	20
18	700	41	7	2	2	.3	700	N			15	300	N			20	1500	30
19	701	42	10	3	2	.3	700	N			30	300	N			30	2000	30
20	702	43	7	2	.7	.2	700	N			L	200	N			20	1000	50
21	703	44	3	1.5	1	.2	700	N			L	300	L			15	200	50
22	704	45	10	2	1.5	.5	700	N			L	300	L			30	700	70
23	705	46	3	1.5	.7	.2	700	L			L	200	L			10	150	30
24																		

OREGON CAVES

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-55-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	N	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIG-54	25	N		N	150	L	-	-		30		200	-	-	200		20		50
3	685	26	N		N	150	L	-	-		30		150	-	-	150		20		50
4	686	27	N		N	200	L	-	-		30		150	-	-	200		20		100
5	687	28	L		N	150	L	-	-		30		200	-	-	200		15		100
6	688	29	L		L	200	10	-	-		15		100	-	-	150		15		70
7	689	30	L		N	150	30	-	-		20		100	-	-	150		15		30
8	690	31	N		L	70	L	-	-		30	↓	200	-	-	200		15		70
9	691	32	L		L	50	20	-	-		30	50	300	-	-	200		20		70
10	692	33	L		N	100	10	-	-		30	N	200	-	-	200		15		100
11	693	34	L		N	30	L	-	-		30	N	300	-	-	200		15		70
12	694	35	N		N	50	N	-	-		30	N	200	-	-	300		20		100
13	695	36	N		N	50	N	-	-		30	N	200	-	-	200		20		50
14	696	37	N		L	20	N	-	-		30	N	300	-	-	200		20		70
15	697	38	N		10	50	N	-	-		30	N	200	-	-	300		20		70
16	698	39	N		10	30	N	-	-		30	N	300	-	-	300		30		300
17	699	40	N		L	100	L	-	-		20	N	200	-	-	150		15		70
18	700	41	N		10	150	L	-	-		30	N	200	-	-	200		20	↓	200
19	701	42	N	↓	10	300	L	-	-		30	N	150	-	-	200		20	L	100
20	702	43	L	L	L	200	L	-	-		15	N	L	-	-	150		15	N	50
21	703	44	N	N	N	150	L	-	-		15	N	150	-	-	150		15	N	70
22	704	45	N	L	15	150	10	-	-		30	N	100	-	-	300		20	N	100
23	705	46	N	N	L	70	10	-	-	↓	20	N	L	-	-	150	↓	20	N	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

OREGON (PUES)

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-56-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/18/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	15	5	7	.7	1500	N	N	N	L	150	N	N	N	30	200	100
2	AIG-706	47	10	2	.7	.5	700				L	200	L			15	700	70
3	707	48	15	3	3	1	1000				L	200	N			20	300	30
4	708	49	15	3	3	.7	1000				10	200				20	200	30
5	709	50	10	2	1.5	.5	700				L	200				15	300	70
6	710	51	10	3	1.5	.3	700				L	200				20	500	70
7	711	52	15	3	3	.5	1000				L	300				30	1500	50
8	712	53	15	2	3	.3	700				10	300				20	150	30
9	713	54	10	3	2	.5	1000				L	300				30	1500	70
10	714	55	10	3	1.5	.3	700				L	300				20	1000	30
11	715	56	15	3	2	1	1000				L	300				30	5000	50
12	716	57	7	3	3	.5	1000				L	300				20	1000	50
13	717	58	10	2	2	.3	1000				L	200				15	150	70
14	718	59	7	3	3	.15	700				L	200				30	500	50
15	719	60	15	5	5	.5	1000				L	200				30	300	50
16	720	61	10	3	3	.5	1500				L	200				30	500	70
17	721	62	10	2	2	.3	700				L	200				15	300	70
18	722	63	10	5	3	.3	1000				10	150				30	2000	30
19	723	64	10	2	2	.3	700				L	150				15	300	50
20	724	65	7	3	1.5	.5	700				L	200				20	700	30
21	725	66	10	3	2	.3	700				10	300				20	700	50
22	726	67	15	5	2	.5	1500				10	200				50	5000	30
23	727	69	10	3	3	.5	1000				L	300				30	1000	50
24																		

OREGON CAVES

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-56-E
REPORT NO. HA-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	--	-	300	N	20	N	100
2	AI6-706	47			N	300	L	-	-		15		N	-	-	200		15		50
3	707	48			N	100	N	-	-		30		200	-	-	300		20		200
4	708	49			N	50	L	-	-		30		200	-	-	300		20		50
5	709	50			L	150	L	-	-		30		L	-	-	200		20		70
6	710	51			N	200	L	-	-		20		L	-	-	200		15		70
7	711	52	↓		N	200	L	-	-		30		100	-	-	300		15		100
8	712	53	L		L	30	L	-	-		30		200	-	-	300		15		100
9	713	54	N		L	200	L	-	-		30		200	-	-	200		15		150
10	714	55	N		N	200	L	-	-		20		150	-	-	200		15		100
11	715	56	N		10	200	L	-	-		30		200	-	-	300		20		200
12	716	57	N		L	150	L	-	-		30		200	-	-	200		15		70
13	717	58	N		L	30	L	-	-		30		150	-	-	200		20		70
14	718	59	N		N	100	L	-	-		30		150	-	-	300		15		70
15	719	60	N		N	50	L	-	-		30		200	-	-	300		15		50
16	720	61	N		N	300	L	-	-		30		150	-	-	200		15		70
17	721	62	N		L	100	N	-	-		30		100	-	-	300		15		50
18	722	63	N		L	300	L	-	-		30		100	-	-	200		15		100
19	723	64	N		L	100	L	-	-		30		100	-	-	300		15		50
20	724	65	N		10	200	L	-	-		20		100	-	-	150		15		70
21	725	66	N		L	200	L	-	-		30		150	-	-	200		15		70
22	726	67	N		L	300	N	-	-		30		100	-	-	300		20		100
23	727	69	L	↓	L	200	L	-	-	↓	30	↓	200	-	-	300	↓	20	↓	70
24								-	-					-	-					

ORIENTAL CAVES

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-57-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/18/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.7	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-728		15	5	2	.7	1500				L	50				20	1500	70
3	729		15	7	5	.5	1500				L	300				20	2000	50
4	730		10	3	1	.3	1000				L	150				15	500	50
5	731		15	5	5	.3	1000				L	200				20	2000	70
6	732		15	5	3	.3	1000				L	200				20	5000	50
7	733		10	2	1.5	.3	1000				L	150				10	150	70
8	734		10	3	1.5	.3	700				L	150				20	1500	70
9	735		7	1.5	1.5	.2	700				L	50				7	200	50
10	736		15	3	5	.7	1000				10	150				30	500	70
11	737		10	5	1.5	.2	700				10	200				30	1500	50
12	738	OREGON CAVES	10	2	1.5	.2	700				L	100				10	150	50
13	739		10	3	3	.5	700				L	150				20	2000	50
14	740		10	3	3	.3	700				L	300				20	700	30
15	741	86	10	7	3	.5	1000				L	300				30	700	50
16	742		10	5	5	.3	1000				L	300				30	1000	30
17	743		10	5	3	.3	700				L	150				30	1000	50
18	744		3	2	2	.3	700				10	200	L			10	300	30
19	745		10	3	2	.2	700				L	300	L			15	200	70
20	746		15	7	5	.3	1000				10	300	N			30	700	30
21	747		15	5	5	.3	700				L	600	N			20	500	70
22	748		15	5	3	.3	1000				L	300	N			30	1000	50
23	749		15	5	5	.5	1000	↓	↓	↓	L	300	N	↓	↓	30	700	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-57-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	10	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIG-728				N	150	N	-	-		30		100	-	-	300		20		30
3	729				N	150	L	-	-		30		200	-	-	300		15		50
4	730				L	100	L	-	-		20		L	-	-	200		15		50
5	731				L	150	N	-	-		30		200	-	-	300		20		50
6	732				L	150	N	-	-		30		300	-	-	300		20		70
7	733				L	50	L	-	-		30		100	-	-	200		20		70
8	734				L	200	L	-	-		20		100	-	-	200		15		50
9	735		↓		N	50	N	-	-		20		100	-	-	200		15		50
10	736		20		15	100	N	-	-		50		300	-	-	300		50		100
11	737		L		L	300	N	-	-		20		300	-	-	200		15		70
12	738		N		L	50	N	-	-		30		100	-	-	300		20		70
13	739		N		L	200	N	-	-		30		200	-	-	300		20		70
14	740		N	↓	10	150	N	-	-		30		200	-	-	200		20		100
15	741	86	N	15	10	150	N	-	-		30		200	-	-	300		20		100
16	742		N	N	L	150	N	-	-		30		200	-	-	300		20		100
17	743		N	N	L	200	N	-	-		30		150	-	-	300		15		70
18	744		L	N	N	300	10	-	-		15		100	-	-	100		15		50
19	745		20	N	N	70	10	-	-		30		300	-	-	200		15		70
20	746		N	N	N	150	L	-	-		30		200	-	-	300		20		70
21	747		20	N	N	100	L	-	-		30		300	-	-	300		20		70
22	748		N	N	L	200	N	-	-		30		200	-	-	300		20		100
23	749		N	N	L	200	N	-	-	↓	30	↓	200	-	-	300	↓	20	↓	70
24								-	-					-	-					

Oregon Caves

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-58-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	7	.7	1500	N	N	N	10	150	N	N	N	30	200	100
2	AIG-750		15	7	5	.7	1500				10	500	N			30	1000	70
3	751		15	5	5	.5	1500				10	700	L			30	500	70
4	752		15	3	5	.3	1000				L	600	L			20	500	70
5	753		15	5	5	.3	1000				10	300	N			20	1500	30
6	754		15	5	3	.5	1000				L	300	N			30	1000	50
7	755		15	5	5	.5	1000				10	300	N			30	1000	60
8	756		15	5	3	.5	1000				L	300	N			30	700	50
9	757		10	5	5	.5	1000				10	300	N			30	700	50
10	758		15	5	7	.3	1500				L	300	N			30	700	30
11	759		10	5	3	.3	1000				L	300	N			30	1000	50
12	760		10	3	3	.3	1000				L	300	N			30	700	50
13	761		15	5	5	.3	1000				30	500	L			30	1000	50
14	762		10	3	3	.3	700				L	300	L			30	500	50
15	763		15	5	7	.7	1500				10	300	L			30	700	30
16	764		15	5	7	1	1500				15	300	N			30	700	50
17	765		15	5	7	.3	1500				10	200	N			30	1000	30
18	766		15	7	7	.3	1500				15	300	N			30	700	50
19	767		15	7	3	.7	1500				15	300	L			30	1500	50
20	768		10	7	5	.3	1500				15	300	N			30	3000	30
21	769	1	15	3	5	.7	1500				L	100	N			20	700	70
22	770	2	20	3	7	1	1500				L	70	N			30	200	100
23	771	3	15	3	5	.3	700				L	20	N			30	150	70
24																		

OPTICAL (ALES)

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-55-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-750		N		L	300	N	-	-				200	-	-	300		20		70
3	751		20		L	100	10	-	-				500	-	-	300		30		100
4	752		20		N	70	10	-	-				500	-	-	300		20		100
5	753		N		N	150	N	-	-				300	-	-	300		20		50
6	754		N		N	300	N	-	-				200	-	-	300		15		70
7	755		N		N	200	N	-	-				200	-	-	300		20		50
8	756		N		L	200	N	-	-				200	-	-	300		20		50
9	757		N		10	150	N	-	-				200	-	-	200		20		100
10	758		N		N	150	N	-	-				300	-	-	300		15		70
11	759		N		N	150	N	-	-				200	-	-	300		15		70
12	760		N		L	150	L	-	-				200	-	-	300		15		50
13	761		N		L	200	10	-	-		↓		300	-	-	300		30		150
14	762		N		15	150	L	-	-		20		150	-	-	200		15		70
15	763		N		20	100	N	-	-		30		200	-	-	300		30		150
16	764		N		20	100	N	-	-		30		200	-	-	300		30		150
17	765		N		N	150	N	-	-		30		200	-	-	300		20		70
18	766		N		N	100	N	-	-		30		200	-	-	300		15		30
19	769		N		20	300	L	-	-		20		200	-	-	300		20		100
20	768		N		N	300	N	-	-		20		150	-	-	300		15		70
21	769	1	N		N	100	N	-	-		30		150	-	-	300		15		30
22	770	2	N		N	20	N	-	-		30		200	-	-	500		15		30
23	771	3	N	↓	N	30	L	-	-	↓	20	↓	L	-	-	500	↓	H	↓	N
24								-	-					-	-					

OREGON (AUS)

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-59-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.7	1500	N	N	N	L	150	N	N	N	30	150	150
2	AIG-772	4	20	3	3	.7	1500				L	20				30	200	100
3	773	5	15	3	7	.7	1500				20	70				30	200	100
4	774	6	G(20)	1.5	2	.7	1000				N	30				50	70	70
5	775	7	15	2	3	.3	1000				L	30				20	100	100
6	776	8	15	2	3	.3	1000				L	100				30	150	70
7	777	9	10	1.5	1	.2	700				20	300				20	200	50
8	778	10	15	3	5	.5	1000				L	50				30	300	70
9	779	11	15	3	5	.3	1500				10	100				15	100	70
10	780	12	7	1.5	.3	.2	700				50	500	L			15	150	70
11	781	13	7	1.5	.2	.2	700				30	500	L			10	150	50
12	782	14	7	1.5	.5	.15	700				30	700	L			10	150	50
13	783	15	10	1.5	.3	.3	700				50	700	L			15	150	70
14	784	16 FAK	7	1.5	.7	.3	700				50	700	L			7	100	30
15	785	17	7	1.5	.7	.2	500				30	700	L			5	100	30
16	786	18	5	1.5	.7	.2	500				30	700	L			5	100	30
17	787	19	10	1.5	.3	.3	700				30	700	L			10	150	50
18	788	20	10	1.5	.3	.3	700				50	700	L			15	150	70
19	789	21	10	1.5	.5	.3	1000				50	700	L			15	150	50
20	790	22	7	1.5	.3	.3	700				50	700	L			10	150	30
21	791	23	7	1.5	.5	.2	700				30	700	L			10	150	50
22	792	24	7	1.5	.3	.3	700				50	700	L			10	150	50
23	793	25	10	3	.7	.2	700				30	500	L			20	1000	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-59-E
REPORT NO. HM-1826

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-772	4				60	N	-	-		30		N	-	-	1000		10		20
3	773	5				60	N	-	-		30		200	-	-	500		15		20
4	774	6				20	N	-	-		30		100	-	-	1500		N		20
5	775	7				20	N	-	-		30		200	-	-	300		10		15
6	776	8				20	N	-	-		30		300	-	-	500		15		20
7	777	9				70	L	-	-		20		100	-	-	150		15		100
8	778	10				70	N	-	-		30		200	-	-	300		10		20
9	779	11				15	N	-	-		30		300	-	-	300		15		30
10	780	12	20		L	50	20	-	-		15		150	-	-	150		15		150
11	781	13	20		10	50	20	-	-		15		L	-	-	150		20		100
12	782	14	20		L	50	20	-	-		15		150	-	-	200		15		150
13	783	15	20		10	50	30	-	-		20		100	-	-	200		20		150
14	784	16	20		10	50	20	-	-		15		200	-	-	150		15		100
15	785	17	L		N	30	15	-	-		10		200	-	-	150		15		100
16	786	18	20		10	30	15	-	-		10		200	-	-	150		15		100
17	787	19	20		L	50	20	-	-		15		100	-	-	300		20		100
18	788	20	20		10	50	15	-	-		15		100	-	-	200		20		100
19	789	21	20		L	50	15	-	-		15		150	-	-	200		20		100
20	790	22	20		L	50	10	-	-		15		100	-	-	200		20		150
21	791	23	L		L	50	20	-	-		15		100	-	-	200		15		100
22	792	24	20		L	50	20	-	-		15		100	-	-	200		15		200
23	793	25	L		L	300	10	-	-		15		L	-	-	200		10		50
24								-	-					-	-					

Core U Peak

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-CO-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	15	5	10	.7	1500	N	N	N	L	150	N	N	N	30	200	100
2	AIG-794	26	10	2	1	.7	1500				70	1000	L			10	300	100
3	795	27	10	7	10	.3	1000				10	100	N			30	2000	50
4	796	28	15	7	1.5	.2	700				10	150				30	5000	50
5	797	51	15	3	2	.2	700				20	150				30	G(5000)	70
6	798	52	10	2	1.5	.2	700				15	100				30	5000	70
7	799	53	15	7	1.5	.1	700				L	20				50	5000	50
8	800	54	10	7	.5	.02	700				L	20				30	2000	70
9	801	55	20	5	3	.5	1000				15	150				50	G(5000)	300
10	802	56	10	5	2	.15	700				15	150				30	5000	70
11	803	57	15	7	1.5	.1	1000				L	70				50	G(5000)	70
12	804	58	15	7	.7	.02	700				10	20				50	2000	50
13	805	59	10	3	1	.1	700				L	200				30	2000	30
14	806	60	15	5	1.5	.1	1000				L	30				50	G(5000)	70
15	807	61	10	5	1.5	.15	1000				L	150				50	5000	50
16	808	62	10	2	1.5	.3	1000				L	150				10	500	70
17	809	63	15	3	2	.7	1000				L	150				30	3000	50
18	810	64	15	3	3	.2	700				L	20				50	150	70
19	811	65	10	5	3	.5	1000				20	200				50	5000	50
20	812	66	10	1.5	5	.3	1000				L	100				7	100	70
21	813	67	7	3	1.5	.2	700				L	150				15	700	70
22	814	68	15	10	1	.1	700				15	30				50	G(5000)	50
23	815	69	15	10	1	.2	700				L	50				30	G(5000)	50
24																		

1 ABSOLUTE PEAK

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-60-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AEC-794	26	20			100	20	-	-		20		200	-	-	300		20		150
3	795	27	N			150	N	-	-		100		L	-	-	300		15		20
4	796	28				700	N	-	-		20		L	-	-	300		10		20
5	797	51				500	N	-	-		20		300	-	-	300		15		30
6	798	52				300	L	-	-		20		100	-	-	300		15		30
7	799	53				700	10	-	-		15		N	-	-	200		10		50
8	800	54				700	N	-	-		10		N	-	-	150		N	↓	N
9	801	55				500	10	-	-		30		150	-	-	500		15	L	200
10	802	56				700	N	-	-		30		200	-	-	300		10	N	30
11	803	57				1000	N	-	-		30		L	-	-	300		L	L	30
12	804	58				700	N	-	-		10		N	-	-	100		N	N	N
13	805	59				500	L	-	-		20		100	-	-	200		L	N	10
14	806	60				700	L	-	-		20		L	-	-	300		L	L	10
15	807	61				700	L	-	-		15		L	-	-	200		L	N	30
16	808	62			↓	50	L	-	-		30		150	-	-	300		15	N	70
17	809	63			15	200	N	-	-		30		150	-	-	300		20	N	100
18	810	64			N	50	N	-	-		30		150	-	-	500		N	N	N
19	811	65			L	300	N	-	-		30		150	-	-	300		15	N	100
20	812	66			N	20	L	-	-		30		300	-	-	300		15	N	30
21	813	67			N	300	L	-	-		20		L	-	-	200		10	N	30
22	814	68			N	700	N	-	-		10		N	-	-	200		L	N	L
23	815	69	↓	↓	L	700	N	-	-	↓	10	↓	L	-	-	300	↓	L	N	L
24								-	-					-	-					

Near Peak

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-61-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-816	70	15	5	5	.5	1000				L	50	N			20	300	100
3	817	71	15	7	7	.3	1500				L	60	N			50	700	150
4	818	73	15	7	7	.2	700				10	70	N			50	5000	70
5	819	74	10	1.5	.3	.3	700				30	500	L			10	200	50
6	820	75	10	1.5	.3	.3	700				30	500	L			15	150	50
7	821	76	15	2	2	.3	1000				20	300	L			20	100	70
8	822	77	7	1.5	.5	.3	700				30	500	L			7	150	50
9	823	78	5	1.5	.3	.2	700				30	500	L			7	150	50
10	824	79	7	2	.3	.3	1000				50	700	L			10	150	70
11	825	80 PARK	10	7	.3	.05	700				L	70	N			50	5000	50
12	826	81	15	10	1	.1	700				10	70	N			50	5000	50
13	827	38	7	2	3	.5	700				30	300	L			15	150	70
14	828	26	15	7	7	.5	1000				L	50	N			50	3000	70
15	829	41	10	5	5	.2	1000				L	20	N			30	700	70
16	830	42 REDROCK	10	7	5	.15	1000				L	L	N			30	1500	70
17	831	43	15	3	7	.3	1000				L	30	N			20	70	100
18	832	44	15	3	3	.7	1500				L	70	N			30	100	70
19	833	45	15	3	5	.7	1500				L	50	N			30	1000	100
20	834	46	10	10	1.5	.1	700				L	20	N			70	G/5000	30
21	835	47	15	5	5	.5	1500				L	50	N			30	500	100
22	836	48	10	7	10	.15	1500				L	N	N			30	2000	70
23	837	49	15	3	3	.3	1000	↓	↓	↓	30	300	L	↓	↓	20	500	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-61-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-816	70	N		N	70	N	-	-		30		200	-	-	300		15		30
3	817	71	N		N	100	N	-	-		70		200	-	-	500		15		15
4	818	73	N		N	200	N	-	-		30		100	-	-	500		10		70
5	819	74	L		10	70	20	-	-		20		150	-	-	200		15		200
6	820	75	L		10	70	20	-	-		20		100	-	-	200		20		200
7	821	76	L		L	50	10	-	-		30		200	-	-	200		20		100
8	822	77	20		10	50	20	-	-		15		150	-	-	150		15		150
9	823	78	L		L	50	L	-	-		15		150	-	-	150		15		200
10	824	79	20		10	70	30	-	-		30		200	-	-	200		30		200
11	825	80 PEAK	N		N	700	N	-	-		10		N	-	-	150		L		20
12	826	81	N		N	700	N	-	-		20		L	-	-	150		10		15
13	827	38	N		N	70	10	-	-		30		200	-	-	150		20		100
14	828	40	N		N	100	N	-	-		50		200	-	-	500		15		15
15	829	41 PEARSOLL	N		N	70	N	-	-		50		150	-	-	300		15		L
16	830	42	N		N	300	N	-	-		30		100	-	-	200		10		N
17	831	43	N		N	20	N	-	-		50		300	-	-	300		15		20
18	832	44	N		N	20	N	-	-		30		200	-	-	500		20		15
19	833	45	N		N	100	N	-	-		30		200	-	-	500		20		15
20	834	46	N		N	1000	N	-	-		15		N	-	-	200		10		N
21	835	47	N		L	100	N	-	-		30		200	-	-	500		15		20
22	836	48	N		L	150	N	-	-		70		N	-	-	300		10		N
23	837	49	N		10	70	10	-	-		30		200	-	-	300		20		70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-62-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. H 41-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	X1-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-838	50	20	7	7	.3	1000					N				50	G(5000)	70
3	839		15	7	7	.3	1000					N				30	700	70
4	840	72	15	5	7	.3	1000					20				30	700	70
5	841		10	3	5	.5	700					300				20	150	30
6	842		10	3	2	.3	700					300				15	150	50
7	843		10	3	2	.5	700					300				20	150	50
8	844		10	3	1.5	.5	1000					150				30	200	50
9	845		10	3	2	.2	700					300				15	150	30
10	846		10	3	2	.5	1000					300				20	150	50
11	847		15	3	1	.5	1000					300				30	200	70
12	848		15	5	2	.3	1000					200				30	300	50
13	849		7	1.5	1	.3	1000					200	L			15	150	30
14	850		7	1.5	.3	.2	700				30	300	L			10	200	30
15	851		5	1.5	.3	.15	300				30	300	L			7	500	20
16	852		10	2	.3	.3	500				50	300	L			15	200	50
17	853		7	1.5	.15	.2	300				30	300	L			10	200	30
18	854		10	2	.2	.3	700				50	300	L			15	300	50
19	855		5	1.5	.5	.15	500				20	300	L			7	300	50
20	856		7	1.5	.5	.2	700				30	300	L			10	300	50
21	857		5	1.5	.5	.15	700				20	300	L			7	150	50
22	858		5	1.5	.15	.2	700				30	200	L			10	150	30
23	859		3	.7	.15	.2	700				30	150	L			7	150	50
24																		

PEARSOLL PEAK — PORT ORFORD

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-62-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AEG-838	50				300	N	-	-		30		100	-	-	500		10		70
3	839					100	N	-	-		70		100	-	-	500		10		10
4	840	72				100	N	-	-		50		150	-	-	300		10		10
5	841					70	N	-	-		20		700	-	-	200		15		70
6	842					100	10	-	-		20		500	-	-	200		15		100
7	843					100	L	-	-		20		500	-	-	300		15		70
8	844					150	L	-	-		20		300	-	-	200		15		70
9	845					70	L	-	-		15		500	-	-	150		10		50
10	846					100	L	-	-		20		500	-	-	200		15		70
11	847					150	10	-	-		20		300	-	-	200		15		70
12	848					200	L	-	-		30		300	-	-	200		15		70
13	849					70	L	-	-		15		200	-	-	150		10		50
14	850					70	15	-	-		15		100	-	-	150		15		100
15	851		↓		↓	50	L	-	-		10		L	-	-	150		10		70
16	852		20		10	100	20	-	-		20		L	-	-	200		20		150
17	853		L		L	70	15	-	-		10		N	-	-	200		10		100
18	854		L		10	150	20	-	-		20		N	-	-	200		50		150
19	855		N		L	50	10	-	-		15		100	-	-	150		10		70
20	856		N		L	70	15	-	-		15		150	-	-	150		15		70
21	857		L		L	50	10	-	-		10		100	-	-	150		10		70
22	858		L		L	50	15	-	-		15		N	-	-	150		15		70
23	859		L	↓	L	30	15	-	-	↓	10	↓	N	-	-	150	↓	10	↓	70
24								-	-					-	-					

PEARSON PEAK

PORT ORFORD

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-63-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/19/68

REPORT NO. AM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	70
2	AIG-860		7	1.5	.3	.3	700				30	300	N			10	200	50
3	861		7	1.5	.7	.2	700				20	300	N			10	500	70
4	862		7	1.5	.5	.3	700				15	500	N			7	150	30
5	863		7	3	.5	.3	700				30	200	N			10	1000	50
6	864		10	3	.5	.2	700				20	200	N			30	1500	30
7	865		7	1.5	.3	.2	500				30	300	L			7	1000	50
8	866		7	1.5	.3	.2	500				30	300	L			7	200	30
9	867		7	1.5	.15	.2	500	.7			50	300	L			7	150	70
10	868		7	2	.2	.2	700	N			50	300	L			10	200	50
11	869		7	1.5	.15	.2	500	N			50	300	L			7	150	30
12	870		7	2	.15	.2	700	N			50	300	L			10	200	30
13	871		5	2	.3	.2	500	N			30	300	L			10	1000	20
14	872		5	2	.2	.2	500	N			50	300	N			10	500	50
15	873		7	1.5	1	.2	700	N			20	500	L			10	500	70
16	874		7	7	1	.2	700	N			10	70	N			30	700	30
17	875		5	1.5	.7	.2	700	N			15	300	L			10	150	30
18	876		7	2	1	.2	700	N			30	300	L			15	500	70
19	877		5	1.5	.3	.2	500	N			30	500	L			7	150	50
20	878		7	1.5	.7	.2	700	N			30	300	L			10	150	70
21	879		7	2	.7	.3	500	N			30	500	L			10	500	50
22	880		7	2	.7	.2	500	N			30	300	L			10	500	70
23	881		7	2	1	.2	700	N			30	300	L			10	700	50
24																		

PORT ORFORD

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-63-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIG-860		L		N	70	10	-	-		15		100	-	-	150		10		70
3	861		N		N	70	10	-	-		15		150	-	-	200		10		50
4	862		N		N	50	L	-	-		10		200	-	-	200		10		50
5	863		N		N	100	L	-	-		15		100	-	-	200		15		70
6	864		N		N	500	L	-	-		15		N	-	-	200		10		50
7	865		N		N	100	70	-	-		15		L	-	-	200		20		70
8	866		N		N	70	10	-	-		15		L	-	-	150		20		150
9	867		20		L	50	30	-	-		15		N	-	-	200		20		150
10	868		20		L	100	20	-	-		15		L	-	-	150		20		150
11	869		20		L	100	10	-	-		15		L	-	-	150		20		150
12	870		20		L	100	10	-	-		15		L	-	-	200		15		150
13	871		20		L	100	L	-	-		15		L	-	-	150		15		100
14	872		N		L	100	10	-	-		15		L	-	-	200		15		100
15	873		L		L	50	10	-	-		20		300	-	-	200		15		100
16	874		N		N	500	L	-	-		20		N	-	-	150		15		50
17	875		N		N	50	L	-	-		15		150	-	-	150		15		70
18	876		L		N	70	15	-	-		15		200	-	-	200		15		100
19	877		L		N	50	20	-	-		15		L	-	-	150		15		100
20	878		L		L	50	10	-	-		15		200	-	-	200		15		70
21	879		L		L	100	10	-	-		15		100	-	-	150		15		150
22	880		L		L	100	15	-	-		15		L	-	-	200		15		70
23	881		L	↓	L	70	L	-	-	↓	15	↓	100	-	-	150	↓	15	↓	70
24								-	-					-	-					

Port Orford

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-64-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/48

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	3	7	.7	1000	N	N	N	L	150	N	N	N	30	200	100
2	AIG-882		10	2	.7	.5	700				50	700	L			15	500	100
3	883		7	2	.7	.3	500				30	300	L			10	500	30
4	884		7	1.5	.2	.3	500				50	500	L			10	150	50
5	885		7	2	.7	.3	700				30	500	L			15	500	70
6	886		7	1.5	.7	.3	700				30	300	L			15	200	70
7	887		7	2	.7	.3	1000				20	300	L			20	700	100
8	888		3	1	.3	.2	500				30	300	L			5	100	20
9	889		10	2	.15	.3	700				50	500	L			10	150	50
10	890		10	3	.2	.5	700				70	500	L			20	200	70
11	891		10	2	.2	.3	500				50	300	L			10	300	70
12	892		10	2	.3	.3	700				50	300	L			20	300	50
13	893		10	2	.3	.3	700				30	500	L			20	500	30
14	894		10	2	.3	.5	700				50	500	L			20	500	50
15	895		5	1	.15	.3	500				20	300	L			7	150	20
16	896		10	1.5	.3	.5	700				30	500	L			20	700	100
17	897	1	7	1	1	.5	700				L	300	L			15	100	50
18	898	2	10	2	1.5	.7	1000				L	150	L			30	150	70
19	899	3	7	1	1.5	.5	700				L	300	L			10	100	70
20	900	4	15	3	5	1	1000				L	300	N			30	150	30
21	901	5	15	3	2	.5	700				L	300	L			50	300	70
22	902	6	10	1.5	3	.5	700				L	300	L			10	100	50
23	903	7	15	3	3	.5	1500				L	300	L			30	100	70
24																		

Repeat Overlap

Repeat

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-64-E
REPORT NO. HAI-1006

ANALYST J. METOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////	W-1	N	N	L	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-882		20		10	100	20	-	-		20		100	-	-	300		20		150
3	883		L		N	150	L	-	-		15		100	-	-	200		10		70
4	884		20		L	100	20	-	-		15		N	-	-	200		20		150
5	885		L		L	150	10	-	-		15		150	-	-	200		15		100
6	886		L		N	100	10	-	-		20		200	-	-	200		20		100
7	887		L		N	150	20	-	-		20		200	-	-	150		20		70
8	888		L		N	70	10	-	-		10		L	-	-	100		15		100
9	889	Port Oxford	L		L	100	15	-	-		20		N	-	-	200		20	↓	150
10	890		20		10	300	20	-	-		30		N	-	-	300		30	L	200
11	891		20		10	100	15	-	-		20		L	-	-	200		15	N	150
12	892		L		10	150	20	-	-		20		L	-	-	200		20	N	150
13	893		L		10	200	15	-	-		20		L	-	-	200		20	N	100
14	894		20		L	150	15	-	-		20		L	-	-	200		30	N	150
15	895	↑	N		10	50	L	-	-		10		L	-	-	150		10	N	70
16	896	—	20		L	150	30	-	-		20		L	-	-	200		20	N	150
17	897	1	L		L	50	L	-	-		20		300	-	-	150		20	N	100
18	898	2	N		L	100	L	-	-		30		300	-	-	200		15	N	70
19	899	3	L		L	50	10	-	-		20		300	-	-	150		15	N	70
20	900	4	N		L	100	L	-	-		30		700	-	-	300		20	N	100
21	901	5	N		N	200	L	-	-		20		500	-	-	200		15	N	70
22	902	6	N		L	50	L	-	-		20		700	-	-	200		15	N	70
23	903	7	N	↓	N	100	10	-	-	↓	30	↓	300	-	-	200	↓	15	N	70
24								-	-					-	-					

Prospect

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-65-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	7	.5	1000	N	N	N	10	150	N	N	N	30	200	100
2	AIG-904	8	10	1.5	1.5	.5	700				L	300	L			10	100	50
3	905	9	15	3	5	.7	1000				10	500	N			20	100	50
4	906	10	15	5	5	.7	1000				10	500	N			30	150	50
5	907	11	15	1.5	1	.7	1000				10	300	L			30	200	70
6	908	12	15	1.5	1	.7	700				L	300	N			20	150	70
7	909	13	7	1.5	3	.3	500				L	300	N			10	70	30
8	910	14	15	2	1.5	1	700				L	200	N			20	100	30
9	911	15	15	2	2	.7	700				L	200	N			20	150	20
10	912	16	10	1.5	2	.3	700				L	300	L			15	100	50
11	913	17	15	3	3	.5	1000				L	500	L			30	150	70
12	914	18	7	1	.5	.5	700				L	150	L			7	70	50
13	915	19	7	1	.7	.5	700				L	150	L			7	150	30
14	916	20	10	2	1	.5	700				10	300	L			20	150	50
15	917	21	7	1.5	2	.5	700				L	300	L			10	150	30
16	918	22	10	2	5	.5	700				10	500	L			15	150	30
17	919	23	15	5	2	1	1000				L	200	N			50	300	30
18	920	24	7	1	1	.5	700				L	300	1.5			10	150	50
19	921	25	10	2	1.5	.7	700				L	300	L			20	200	70
20	922	26	15	2	2	.7	1000				L	500	L			30	200	70
21	923	27	10	2	3	.5	700				L	300	L			10	70	50
22	924	28	15	5	5	.7	1000				10	500	L			30	150	70
23	925	29	15	2	1.5	.7	1000	↓	↓	↓	L	300	L	↓	↓	30	200	70
24																		

PROSPECT

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-65-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-904		L		N	70	L	-	-		20		300	-	-	150		10		70
3	905		N		N	70	L	-	-		30		700	-	-	300		20		100
4	906		N		N	100	L	-	-		30		700	-	-	300		20		100
5	907		L		N	100	10	-	-		30		300	-	-	300		15		100
6	908		N		L	70	L	-	-		20		300	-	-	300		15		100
7	909		N		L	50	L	-	-		15		700	-	-	200		15		100
8	910		N		L	50	N	-	-		30		300	-	-	300		15		100
9	911		N		L	70	N	-	-		30		500	-	-	300		15		70
10	912		N		L	50	L	-	-		20		700	-	-	200		15		100
11	913	PROSPECT	N		L	100	L	-	-		30		700	-	-	200		20		150
12	914		N		N	50	10	-	-		15		150	-	-	200		10		100
13	915		L		L	50	10	-	-		15		200	-	-	200		15		70
14	916		N		L	70	10	-	-		20		300	-	-	300		15		100
15	917		N		L	50	L	-	-		20		500	-	-	150		15		100
16	918		N		N	50	10	-	-		20		700	-	-	200		15		150
17	919		N		L	100	L	-	-		30		500	-	-	500		15		100
18	920		L		L	50	10	-	-		20		300	-	-	200		20		150
19	921		N		N	70	L	-	-		30		300	-	-	300		15		70
20	922		N		L	70	L	-	-		30		500	-	-	300		15		100
21	923		N		L	50	10	-	-		20		700	-	-	200		15		100
22	924		N		N	70	10	-	-		30		700	-	-	300		20		100
23	925		N	↓	N	70	L	-	-	↓	30	↓	300	-	-	300	↓	20	↓	100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-66-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO. HM-1006 SHEET #1

PROSPECT

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	LU-1	15	5	10	.7	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-926		10	3	7	1	1000					500	N			15	70	20
3	927		15	5	5	G(1)	1500					300	N			20	100	30
4	928		10	2	3	.7	1000					700	L			10	100	50
5	929		10	3	3	.7	1000					300	L			20	150	70
6	930		20	3	2	G(1)	1000					200	N			50	150	30
7	931		10	2	3	.7	700					300	N			10	70	30
8	932		20	3	2	G(1)	1500					300	N			50	200	70
9	933		7	1.5	3	.5	700					300	N			10	70	20
10	934		15	5	7	.7	1000					300	N			30	100	30
11	935		10	3	3	.7	1000					300	L			20	200	70
12	936		7	2	5	.5	700					500	L			15	70	50
13	937		20	5	5	G(1)	1500					300	N			50	150	50
14	938		10	3	5	.7	1000					300	N			20	100	30
15	939		15	3	3	1	700					300	N			30	150	30
16	940		7	2	7	.3	700					300	N			10	70	30
17	941		10	2	5	.7	700					300	N			15	70	50
18	942		20	3	2	G(1)	1000					200	N			30	150	70
19	943		15	3	3	.7	1000					500	N			20	150	70
20	944		15	2	3	1	1000					300	N			20	150	70
21	945		15	3	5	G(1)	1500					300	N			30	150	70
22	946		G(20)	2	1.5	G(1)	1500					150	N			50	200	50
23	947		15	2	3	.7	1000					300	L			15	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-66-E
REPORT NO. HNI-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-926	30				70	L	-	-		20		1500	-	-	200		15		70
3	927	31				70	L	-	-		30		700	-	-	300		15		100
4	928	32				70	10	-	-		20		700	-	-	200		15		100
5	929	33				70	10	-	-		20		500	-	-	200		15		70
6	930	34				70	L	-	-		30		300	-	-	700		15		50
7	931	35				30	L	-	-		15		700	-	-	200		15		100
8	932	36				100	L	-	-		30		300	-	-	500		15		70
9	933	37				50	L	-	-		15		700	-	-	200		15		100
10	934	38				70	L	-	-		30		1000	-	-	300		20		70
11	935	39				100	10	-	-		30		500	-	-	300		15		70
12	936	40				50	15	-	-		20		700	-	-	200		20		100
13	937	41				70	N	-	-		30		700	-	-	500		15		100
14	938	42				50	L	-	-		20		700	-	-	300		15		100
15	939	43				50	N	-	-		30		700	-	-	500		15		70
16	940	44				30	10	-	-		20		1500	-	-	200		15		70
17	941	45				50	L	-	-		20		1000	-	-	300		15		70
18	942	46				70	N	-	-		30		700	-	-	500		15		70
19	943	47				70	N	-	-		30		1000	-	-	300		15		100
20	944	48				70	L	-	-		30		700	-	-	300		15		100
21	945	49				100	N	-	-		30		700	-	-	300		15		100
22	946	50				70	N	-	-		30		300	-	-	1000		15		70
23	947	51				50	L	-	-		20		700	-	-	300		10		70
24								-	-					-	-					

PROSPECT

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-67-E 6 Step D. C. Arc REQUESTED BY R. Bowen DATE 7/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-948		7	1.5	2	.5	700				10	300	L			7	30	30
3	949		10	1.5	1.5	.3	700				L	200	L			10	70	30
4	950		10	3	3	.7	700				L	200	L			20	100	50
5	951		10	3	5	.3	700				L	300	L			20	100	20
6	952		15	3	2	.5	1000				L	300	L			20	50	30
7	953		10	1.5	2	.2	3000				10	300	L			15	30	30
8	954		7	1	1.5	.3	700				L	150	L			10	30	20
9	955		7	1.5	2	.3	700				L	200	N			10	50	30
10	956		7	1.5	2	.3	700				L	200	L			15	50	50
11	957		7	1.5	1.5	.3	700				L	150	L			10	70	30
12	958		15	2	3	.5	700				10	200	N			20	100	30
13	959		5	1	1.5	.2	700				L	300	L			7	30	20
14	960		7	1.5	1.5	.7	700				L	200	L			10	50	30
15	961		10	2	2	.5	700				L	300	N			15	70	30
16	962		10	1.5	2	.2	700				L	200	L			15	70	30
17	963		7	1.5	1.5	.2	700				L	200	L			20	100	50
18	964		5	1	1.5	.3	700				L	200	L			5	30	15
19	965		10	2	2	.3	700				L	150	L			20	100	30
20	966		10	1.5	1.5	.3	700				L	150	L			15	70	50
21	967		7	1.5	2	.3	700				L	200	L			10	70	20
22	968		10	1.5	1.5	.3	700				L	300	L			20	150	50
23	969		15	1.5	1.5	.5	700				L	200	L			30	200	50
24																		

Prospect

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-67-E
REPORT NO. HAL-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	HG-948		L		L	30	15	-	-		10		500	-	-	150		15		100
3	949		L		N	50	15	-	-		15		300	-	-	200		10		50
4	950		N		L	70	10	-	-		20		500	-	-	300		15		70
5	951		N		N	70	L	-	-		20		700	-	-	200		15		50
6	952		N		N	50	10	-	-		20		500	-	-	200		15		70
7	953		L		L	30	20	-	-		10		500	-	-	150		15		70
8	954		L		L	20	L	-	-		15		300	-	-	150		15		70
9	955		N		L	30	10	-	-		15		500	-	-	150		15		70
10	956		N		N	20	10	-	-		20		300	-	-	200		15		70
11	957		N		L	30	L	-	-		15		300	-	-	150		15		70
12	958		N		L	50	L	-	-		30		500	-	-	200		15		70
13	959		L		L	20	10	-	-		10		500	-	-	150		15		100
14	960		L		L	30	15	-	-		20		300	-	-	200		15		100
15	961		N		L	50	10	-	-		20		700	-	-	200		15		100
16	962		N		L	30	L	-	-		15		300	-	-	150		10		70
17	963		N		L	50	10	-	-		20		300	-	-	200		10		70
18	964		L		L	15	10	-	-		10		300	-	-	150		15		70
19	965		N		L	50	10	-	-		20		300	-	-	200		10		70
20	966		N		N	50	10	-	-		20		200	-	-	200		15		70
21	967		N		L	30	L	-	-		15		300	-	-	150		10		70
22	968		N		N	50	10	-	-		20		200	-	-	200		15		70
23	969	73	N	↓	N	70	10	-	-	↓	20	↓	200	-	-	300	↓	10	↓	70
24								-	-					-	-					

PROPERTY

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-68-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	7	.3	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIG-970		10	2	2	.3	1000				10	200	L			10	100	50
3	971		7	1.5	.7	.5	700				10	200	L			20	200	50
4	972		7	1	.5	.5	700				10	500	L			7	150	20
5	973		10	2	.7	.3	700				10	300	N			15	700	30
6	974		10	3	.7	.2	1000				20	300	N			20	1000	70
7	975		10	3	.7	.2	700				50	300	L			30	700	30
8	976		10	3	.7	.2	700				70	300	L			30	1000	50
9	977		7	2	.7	.2	500				30	300	L			20	500	30
10	978		10	1.5	.5	.2	700				30	300	L			15	150	50
11	979		7	1.5	.5	.2	500				20	500	L			10	200	20
12	980		10	1.5	.5	.2	500				15	500	L			10	200	20
13	981		7	1.5	1	.2	700				10	500	L			5	200	20
14	982		5	1	1	.15	500				L	500	L			5	70	20
15	983		7	2	.7	.2	700				20	300	L			15	100	20
16	984		7	3	.7	.2	700				20	300	L			20	500	20
17	985		5	1.5	1	.2	500				L	500	L			7	200	15
18	986		7	3	.7	.2	700				20	300	L			20	700	20
19	987		10	3	1	.2	700				20	300	L			20	700	30
20	988		5	1.5	.7	.15	500				15	500	L			7	150	20
21	989		7	2	.7	.2	1000				20	500	L			30	500	30
22	990		10	2	.7	.2	1000				20	500	L			20	500	30
23	991		7	2	.7	.2	700				15	300	L			20	300	30
24																		

POWDER

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-68-E
REPORT NO. HM-1006

ANALYST J. MATOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////		N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIG-970		N		N	50	10	-	-		10		500	-	-	200		10		30
3	971		L		N	100	L	-	-		20		200	-	-	200		15		50
4	972		L		N	100	15	-	-		7		200	-	-	150		10		100
5	973		N		N	150	10	-	-		10		L	-	-	150		10		150
6	974		N		L	300	10	-	-		15		N	-	-	200		15		50
7	975		N		N	500	10	-	-		20		N	-	-	200		20	↓	100
8	976		N		L	200	15	-	-		20		100	-	-	300		20	L	100
9	977	POWERS	N		L	300	10	-	-		20		L	-	-	150		15	N	100
10	978		L		L	70	15	-	-		20		100	-	-	200		20	L	100
11	979		20		L	70	15	-	-		10		150	-	-	150		15	N	150
12	980		20		L	70	15	-	-		10		300	-	-	150		15	N	150
13	981		20		L	30	15	-	-		10		300	-	-	150		15	N	150
14	982		20		L	30	15	-	-		7		300	-	-	100		15	N	100
15	983		20		L	150	10	-	-		10		200	-	-	150		15	N	150
16	984		20		L	200	10	-	-		15		150	-	-	150		15	N	150
17	985		20		10	30	15	-	-		7		300	-	-	100		10	N	100
18	986		N		L	200	L	-	-		15		100	-	-	150		15	N	150
19	987		N		L	200	10	-	-		15		100	-	-	200		15	N	70
20	988		20		L	70	15	-	-		15		200	-	-	150		10	N	100
21	989		20		L	150	15	-	-		15		200	-	-	200		15	N	100
22	990		L		L	150	15	-	-		15		150	-	-	200		15	N	70
23	991		L	↓	L	150	15	-	-	↓	15	↓	150	-	-	150	↓	15	N	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-69-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIG-992		10	2	.7	.3	1000				30	200	L			20	500	70
3	993		7	1.5	.7	.2	1000				15	200	N			15	200	30
4	994		7	2	.7	.2	700				20	300	L			10	200	30
5	995		7	1.5	.7	.2	700				20	300	L			10	500	20
6	996		7	1	.7	.2	1000				20	300	L			10	200	30
7	997		7	2	.7	.2	700				20	300	L			10	200	50
8	998		5	1.5	.5	.2	700				30	300	L			10	150	15
9	999		5	1.5	.7	.15	700				15	500	L			10	1000	30
10	AIH-001		5	1.5	.5	.15	700				20	300	L			15	700	20
11	002		5	1.5	.7	.2	700				20	600	L			7	200	20
12	003		10	3	1	.3	1000				30	600	L			30	1500	50
13	004		10	3	2	.3	1000				20	300	N			50	1500	20
14	005		7	3	1.5	.2	700				15	300	L			30	2000	15
15	006		10	3	1	.2	700				15	300	N			30	2000	20
16	007		10	3	1	.2	700				15	300	N			30	3000	20
17	008		10	2	.7	.2	1000				20	300	L			30	500	30
18	009		7	1.5	.5	.2	700				20	300	L			15	200	20
19	010		7	2	.5	.15	700				20	300	L			10	200	30
20	011		5	1.5	.5	.2	700				15	300	L			10	200	20
21	012		10	2	.5	.3	700				20	300	N			15	300	20
22	013		7	2	1	.2	700				20	300	L			10	300	30
23	014		7	1.5	.5	.2	700				15	300	L			10	300	20
24																		

POWIFR

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-69-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIG-992		N			200	15	-	-		15		100	-	-	200		15		70
3	993		N			150	10	-	-		7		L	-	-	150		10		30
4	994		N			150	10	-	-		10		100	-	-	200		15		150
5	995		N			100	10	-	-		7		100	-	-	150		15		200
6	996		N			100	15	-	-		10		100	-	-	150		15		150
7	997		N			150	20	-	-		10		100	-	-	150		10		70
8	998		L			70	10	-	-		10		100	-	-	150		15		150
9	999		L		↓	70	20	-	-		10		150	-	-	150		15		100
10	AIH-001		L		L	100	15	-	-		10		L	-	-	150		15		100
11	002	POWERS	N		10	100	10	-	-		10		100	-	-	150		15		200
12	003		N		L	300	L	-	-		20		100	-	-	200		20		150
13	004		N		L	300	L	-	-		20		150	-	-	200		15		100
14	005		N		N	300	N	-	-		20		100	-	-	150		10		50
15	006		N		L	200	L	-	-		15		100	-	-	200		10		70
16	007		N		L	200	N	-	-		20		100	-	-	200		15		100
17	008		N		L	150	10	-	-		15		100	-	-	200		15		70
18	009		L		L	100	10	-	-		10		100	-	-	150		15		150
19	010		L		L	100	15	-	-		7		L	-	-	150		15		70
20	011		L		L	100	10	-	-		7		L	-	-	100		15		70
21	012		L		L	150	10	-	-		15		L	-	-	200		15		100
22	013		L		L	150	10	-	-		10		100	-	-	150		15		70
23	014		L	↓	L	150	10	-	-	↓	10	↓	100	-	-	150	↓	15	↓	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-70-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	30	200	100
2	AIH-015		7	2	.7	.3	1000				30	500	L			10	500	30
3	016		7	2	.7	.3	700				20	700	L			10	700	30
4	017		5	1.5	.5	.2	500				20	500	L			10	1000	15
5	018		3	1	.15	.1	500				L	300	N			5	200	15
6	019		5	1.5	.7	.2	500				15	700	L			7	200	20
7	020		3	1	.15	.15	500				20	300	N			7	500	15
8	021		3	1.5	.7	.15	500				15	300	N			10	500	20
9	022		5	1.5	.5	.15	700				20	300	N			10	1000	20
10	023		3	1.5	.7	.15	700				20	300	L			7	200	20
11	024		5	1.5	.5	.2	1500				20	300	L			15	300	30
12	025		7	2	.3	.2	1500	.15			30	200	L			20	700	30
13	026		7	2	1	.2	700	N			20	700	L			10	200	30
14	027		5	1	.7	.15	500	N			15	500	L			10	200	20
15	028		7	1.5	3	.15	700	N			20	300	N			10	100	50
16	029		10	2	5	.2	700	N			15	300	L			10	100	70
17	030		10	1.5	5	.2	700	N			10	300	N			10	150	70
18	031		7	1.5	5	.2	1000	N			15	300	L			15	100	70
19	032		7	1.5	3	.2	700	N			15	300	L			10	100	70
20	033		10	1.5	3	.2	700	N			15	300	N			10	100	50
21	034		10	2	5	.2	700	N			30	500	L			15	100	70
22	035		10	2	3	.2	700	L			15	500	L			10	150	70
23	036		10	1.5	2	.2	1000	N			10	1000	L			10	150	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-70-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIH-015		L		L	150	20	-	-		15		100	-	-	150		15		150
3	016		20		L	100	20	-	-		15		150	-	-	150		10		100
4	017		L		L	100	10	-	-		7		100	-	-	150		10		150
5	018		L		L	50	10	-	-		5		100	-	-	100		L		70
6	019		L		L	70	20	-	-		7		200	-	-	150		15		150
7	020		L		10	50	15	-	-		7		L	-	-	150		10		100
8	021		L		L	100	10	-	-		7		100	-	-	150		10		150
9	022		L		L	70	10	-	-		7		100	-	-	150		10		150
10	023		L		N	70	10	-	-		7		100	-	-	100		10		100
11	024		L		L	100	10	-	-		10		L	-	-	150		15		70
12	025		L		L	200	10	-	-		20		L	-	-	200		15		100
13	026		20		10	100	30	-	-		10		300	-	-	200		15		100
14	027		L		10	70	20	-	-		7		200	-	-	100		10		150
15	028		L		L	30	15	-	-		20		300	-	-	300		15		50
16	029		20		N	30	10	-	-		30		500	-	-	300		20		50
17	030		20		N	30	L	-	-		30		500	-	-	300		20		50
18	031		20		L	30	10	-	-		30		500	-	-	300		15		100
19	032		20		L	30	10	-	-		30		300	-	-	200		15		70
20	033		20		L	30	10	-	-		30		300	-	-	300		20		70
21	* 034		20		L	30	20	-	-		30		500	-	-	300		20		70
22	035		20		L	30	10	-	-		20		500	-	-	300		15	↓	70
23	036		L	↓	L	50	15	-	-	↓	20	↓	300	-	-	300	↓	15	L	70
24								-	-					-	-					

Powders
Fault

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-71-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/20/68

REPORT NO. HA1-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	.3	1000	N	N	N	L	100	N	N	N	30	150	70
2	AIH-037		7	2	3	.2	1000				10	200	L			10	100	70
3	038		5	2	3	.15	700				20	200	L			7	70	50
4	039		5	2	2	.15	700				L	100	N			7	150	20
5	040		10	3	3	.15	700				10	150	N			10	200	30
6	041		10	2	2	.2	700				L	100	N			10	70	50
7	042		10	5	1.5	.3	1000				L	150	N			30	1000	30
8	043		5	1.5	1	.2	700				20	700	L			5	100	50
9	044		15	5	2	.3	1000				10	300	N			30	1500	30
10	045		3	1	1.5	.1	500	L			10	200	L			5	70	50
11	046		5	2	2	.15	700	L			20	300	L			7	150	70
12	047		5	1.5	1	.15	700	N			30	300	L			7	150	70
13	048		3	1	3	.15	500	N			15	150	L	L		7	70	70
14	049		7	1.5	1	.15	700	N			30	200	N	N		10	150	50
15	050		7	1.5	1	.15	700	N			20	1000	N	N		10	200	70
16	051		7	1.5	5	.2	700	N			20	300	L	N		10	150	70
17	052		10	1.5	2	.15	700	N			20	300	L	N		10	150	70
18	053		15	5	3	1	1500	N			30	200	L	N		30	1000	70
19	054		10	5	3	.2	700	N			L	300	N	N		30	700	50
20	055		10	3	1.5	.5	700	N			15	300	L	N		20	700	50
21	056		7	3	1	.3	700	N			10	300	L	N		15	200	30
22	057		10	3	2	.3	700	N			L	70	N	N		20	500	50
23	058		10	3	3	.3	700	N			L	300	N	N		20	700	30
24																		

Rec'd

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-71-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	30	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-037		L		N	30	10	-	-		30		300	-	-	200		15		50
3	038		20		N	20	10	-	-		20		300	-	-	200		15		50
4	039		N		N	30	N	-	-		20		200	-	-	150		10		20
5	040		N		N	50	N	-	-		30		200	-	-	150		15		50
6	041		N		N	30	10	-	-		30		200	-	-	200		15		20
7	042		N		N	500	N	-	-		15		100	-	-	150		15		30
8	043		30		10	50	10	-	-		10		150	-	-	100		30		70
9	044		N		10	300	L	-	-		30		100	-	-	200		20		70
10	045		20		L	30	10	-	-		15		200	-	-	150		15		30
11	046		20		L	50	15	-	-		20		300	-	-	200		15	↓	50
12	047		N		N	70	15	-	-		15	↓	100	-	-	150		15	L	30
13	048		20		N	30	20	-	-		10	L	200	-	-	150		15	N	50
14	049		L		N	50	10	-	-		20	N	200	-	-	200		10	N	50
15	050		L		L	70	L	-	-		30	N	200	-	-	200		20	N	50
16	051		20		N	50	10	-	-		20	N	300	-	-	150		15	N	70
17	052		L		L	30	15	-	-		20	N	300	-	-	200		15	N	50
18	053		20		30	300	30	-	-		30	N	300	-	-	200		50	N	150
19	054		N		10	300	N	-	-		30	N	200	-	-	200		15	N	100
20	055		20		10	200	L	-	-		20	N	100	-	-	200		20	N	100
21	056		N		L	200	L	-	-		15	N	L	-	-	150		15	N	70
22	057		N		N	150	N	-	-		30	N	100	-	-	200		15	N	30
23	058		N	↓	L	150	N	-	-	↓	30	N	100	-	-	200	↓	15	N	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-73-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/22/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIH-059		10	3	2	.5	1000				10	500	L			20	700	50
3	060		10	5	3	.5	1000				L	300	N			20	700	70
4	061		7	1.5	1	.5	700				30	200	L			10	500	30
5	062		5	1.5	1	.2	500				20	200	N			7	200	50
6	063		15	3	3	.5	1000				L	50	N			30	150	150
7	064		7	2	1	.2	700	↓			30	300	N			15	700	70
8	065		7	2	.3	.2	700	L			70	300	L			15	300	70
9	066		7	1.5	.2	.7	500	N			70	300	L			10	100	50
10	067		5	2	.3	.7	500	N			50	300	L			10	1000	50
11	068		5	2	.2	.5	500	N			20	300	L			10	200	30
12	069		10	3	3	.5	1500	N			15	300	L			30	200	100
13	070		10	1.5	1	.3	700	L			15	300	N			20	70	100
14	071		7	2	3	.3	700	N			20	500	L			20	150	70
15	072		7	2	5	.2	700	N			10	300	L			15	200	50
16	073		10	3	5	.3	700	N			20	300	L			20	200	70
17	074		7	2	5	.3	1000	N			20	300	L			10	150	70
18	075		7	1.5	2	.2	700	N			15	500	L			15	100	70
19	076		7	2	3	.3	700	N			15	500	L			15	100	70
20	077		7	1.5	1.5	.2	700	N			10	500	L			15	100	70
21	078		5	1.5	5	.2	700	N			L	300	L			7	150	50
22	079		7	2	2	.3	700	N			L	500	N			10	150	50
23	080		7	2	5	.3	700	.5	↓	↓	10	300	L	↓	↓	10	150	100
24																		

Rinse

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-73-4

REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-059		N		L	200	L	-	-		30		150	-	-	200		20	N	70
3	060		N		L	200	30	-	-		30		150	-	-	200		15	N	70
4	061		50		10	100	10	-	-		20		L	-	-	200		50	N	150
5	062		L		N	150	L	-	-		15		100	-	-	200		10	N	70
6	063		N		N	50	N	-	-		30		150	-	-	300		30	L	30
7	064		L		L	150	20	-	-		15		150	-	-	200		20	N	70
8	065		20		L	150	30	-	-		20		100	-	-	200		20	L	100
9	066		30		15	50	50	-	-		15		L	-	-	200		50	N	200
10	067		100		15	150	15	-	-		15		N	-	-	200		50	N	150
11	068		20		L	200	10	-	-		15		N	-	-	200		20	N	150
12	069		N		N	100	L	-	-		30		200	-	-	300		30	N	70
13	070		N		N	20	L	-	-		30		100	-	-	200		20	L	30
14	071		N		L	100	10	-	-		20		300	-	-	300		15	N	70
15	072		N		N	70	10	-	-		20		300	-	-	200		15	N	50
16	073		L		L	70	L	-	-		30		500	-	-	300		15	N	70
17	074		L		N	50	10	-	-		30		500	-	-	300		15	N	70
18	075		L		L	30	L	-	-		20		300	-	-	300		15	N	70
19	076		L		10	50	10	-	-		30		500	-	-	300		15	N	70
20	077		L		N	30	10	-	-		15		300	-	-	300		15	N	70
21	078		L		N	30	10	-	-		15		300	-	-	150		10	N	30
22	079		L		L	50	10	-	-		30		300	-	-	300		15	N	50
23	080		N	↓	L	30	10	-	-	↓	30	↓	300	-	-	200	↓	15	N	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-74-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/22/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIH-081		7	2	5	.3	1000				L	700				10	150	50
3	082		7	2	3	.3	700				L	300				10	100	70
4	083		7	1.5	3	.2	1000				L	300				7	100	30
5	084		7	2	3	.2	1000				10	300				10	200	70
6	085		7	2	3	.2	700				10	500				10	150	70
7	086		7	1.5	1.5	.3	1000	.5			10	700				10	100	100
8	087		7	1.5	3	.2	700	N			L	300				7	70	50
9	088		7	1.5	3	.2	1000	N			15	300				7	20	70
10	089		2	.7	7	.07	700	L			15	150				L	30	50
11	090		7	2	1.5	.3	1000	N			30	500				10	150	70
12	091		7	2	2	.2	1000	N			30	300				10	100	70
13	092		7	2	5	.2	700	N			10	300				10	100	70
14	093		7	2	2	.2	700	N			15	300				10	150	70
15	094		7	/	1.5	.2	1000	N			15	500				7	200	30
16	095		7	2	2	.2	700	L			20	500	L			10	150	70
17	096		7	2	3	.3	1000	N			L	300	N			15	100	70
18	097		7	1.5	2	.2	700	L			15	500	L			7	70	70
19	098		7	2	3	.3	700	L			15	500	L			10	100	70
20	099		7	1.5	5	.3	500	N			15	500	N			7	100	50
21	100		10	2	2	.3	1000	N			15	300	N			10	70	70
22	101		10	2	10	.2	700	L			15	300	N			7	150	70
23	102		7	2	10	.15	700	L			L	300	N			5	150	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-74-5
REPORT NO. HA1-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-081		L			50	L	-	-		30		300	-	-	300		15	N	70
3	082		L			30	L	-	-		30		300	-	-	300		15	N	70
4	083		L			30	L	-	-		30		300	-	-	300		15	L	50
5	084		20			50	L	-	-		30		300	-	-	200		15	N	50
6	085		20			50	15	-	-		30		300	-	-	300		20	L	70
7	086		20			70	10	-	-		20		300	-	-	200		20	N	100
8	087		20			30	10	-	-		20		300	-	-	200		15	N	70
9	088		L			10	10	-	-		20		300	-	-	200		15	N	50
10	089		N			5	10	-	-		10		200	-	-	100		10	N	20
11	090		N			50	L	-	-		30		300	-	-	300		20	N	100
12	091		L		↓	30	15	-	-		30		300	-	-	200		20	N	50
13	092		L		L	30	10	-	-		30		500	-	-	300		20	N	50
14	093		20		L	70	10	-	-		20		300	-	-	150		15	N	150
15	094		L		N	20	10	-	-		15		300	-	-	150		15	N	50
16	095		L		L	50	10	-	-		20		500	-	-	200		15	N	70
17	096		L		N	30	10	-	-		30		500	-	-	300		20	N	70
18	097		20		L	50	10	-	-		20		300	-	-	200		20	N	70
19	098		30		L	50	15	-	-		30		700	-	-	300		20	N	100
20	099		L		N	30	L	-	-		15		300	-	-	200		15	N	50
21	100		L		N	30	30	-	-		30		200	-	-	300		15	N	50
22	101		L		L	50	L	-	-		20		300	-	-	200		15	N	30
23	102		N	↓	N	30	L	-	-	↓	20	↓	200	-	-	150	↓	15	N	20
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-75-L 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/22/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	3	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIH-103		7	1	5	.15	700	N			15	200	N			7	100	50
3	104		3	.7	1	.15	700	L			10	200	N			5	20	70
4	105		5	1.5	1.5	.15	500	N			L	300	N			5	100	70
5	106		7	1.5	.5	.15	1500	N			30	300	N			20	150	70
6	107		2	1.5	.5	.1	500	N			L	150	N			L	50	30
7	108		3	1.5	10	.15	700	N			10	200	L			7	50	50
8	109		10	2	3	.2	700	N			10	300	1			15	100	100
9	110		5	1.5	1.5	.2	700	L			L	300	L			10	70	70
10	111		7	1.5	1.5	.2	500	N			30	300	L			10	70	70
11	112		2	.7	3	.15	700	L			20	150	L			5	30	30
12	113		3	1	2	.15	500	L			10	300	N			5	30	30
13	114		5	1.5	1.5	.15	500	L			20	300	L			7	70	70
14	115		5	1.5	1	.15	300	N			10	300	L			7	50	30
15	116		5	1.5	3	.2	500	N			10	300	N			10	150	50
16	117		7	1.5	3	.2	700	N			10	200	N			10	70	50
17	118		10	1.5	5	.3	700	N			15	300	N			15	150	50
18	119		5	1.5	2	.2	700	N			10	300	N			10	100	70
19	120		7	1.5	3	.2	700	N			50	300	N			15	150	70
20	121		7	1.5	2	.2	700	N			30	300	N			10	100	50
21	122		7	1.5	3	.2	1000	N			10	300	N			7	70	50
22	123		7	1.5	3	.2	700	N			15	300	N			10	150	70
23	124		7	1.5	2	.2	700	N			10	300	N			10	150	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-75-F
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-103		N	N		50	L	-	-		20		150	-	-	200		10	N	20
3	104		N	N		15	L	-	-		15		150	-	-	150		15	200	30
4	105		N	N		20	20	-	-		20		200	-	-	150		15	N	30
5	106	79	L	7		50	10	-	-		20		L	-	-	200		15	L	30
6	107		20	N		7	L	-	-		15		300	-	-	150		10	N	20
7	108		20	N		20	10	-	-		15		300	-	-	150		10	N	50
8	109		50	N		50	L	-	-		20		500	-	-	200		20	N	70
9	110		20	N	L	50	L	-	-		15		200	-	-	150		15	N	70
10	111		L	N	L	30	10	-	-		20		200	-	-	200		15	L	50
11	112		20	N	L	20	L	-	-		10		200	-	-	150		10	N	50
12	113		L	N	L	20	L	-	-		15		300	-	-	150		10	N	70
13	114		20	N	L	50	10	-	-		15		300	-	-	150		15	N	70
14	115		L	N	L	30	L	-	-		10		300	-	-	150		15	N	70
15	116		L	N	L	30	10	-	-		20		300	-	-	200		15	N	70
16	117		L	N	L	30	L	-	-		20		300	-	-	300		20	N	70
17	118		L	N	L	30	L	-	-		30		300	-	-	300		20	N	100
18	119		20	N	L	30	50	-	-		20		300	-	-	200		20	N	70
19	120		L	N	L	30	10	-	-		30		300	-	-	200		20	N	70
20	121		L	N	L	30	10	-	-		20		300	-	-	200		20	N	70
21	122		L	N	L	20	15	-	-		30		300	-	-	200		20	L	30
22	123		L	N	L	30	10	-	-		20		300	-	-	200		15	N	70
23	124		L	N	L	50	15	-	-		20		300	-	-	200		15	L	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-76-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.5	1000	N	N	N	10	150	N	N	N	30	150	100
2	AH-125		7	1.5	1.5	.3	700	N			20	500	L			7	100	70
3	126		10	2	3	.2	1000	N			10	300	N			10	100	20
4	127		3	1	1.5	.15	500	L			10	200	L			5	30	50
5	128		5	1.5	1	.15	500	L			20	300	N			7	100	70
6	129		3	1.5	2	.2	500	L			15	200	L			7	100	70
7	130		7	2	3	.2	700	N			15	300	N			10	150	70
8	131		5	1.5	3	.15	500	N			10	200	N			5	50	70
9	132		5	1.5	2	.2	700	L			10	200	L			7	150	70
10	133		5	2	1.5	.2	700	N			15	300	L			15	200	70
11	134		7	2	3	.2	700	N			10	300	N			15	200	70
12	135		5	1.5	.7	.3	500	N			50	300	L			5	150	50
13	136		5	2	2	.15	500	N			L	70	N			10	150	30
14	137		5	2	2	.15	700	N			10	100	N			10	150	70
15	138		7	3	3	.3	700	N			20	300	N			20	500	50
16	139		5	1	3	.2	700	N			15	500	N			7	70	30
17	140		7	2	3	.2	700	N			15	300	N			15	300	70
18	141		10	5	5	.5	1000	N			10	200	N			30	500	30
19	142		7	1.5	2	.3	700	N			L	300	N			15	300	30
20	143		5	1.5	2	.2	500	N			15	300	N			10	100	70
21	144		7	1.5	2	.2	700	N			10	300	N			10	100	70
22	145		7	1.5	2	.2	700	N			20	300	N			10	100	70
23	146		7	1.5	3	.2	700	N	↓	↓	10	300	L	↓	↓	10	150	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-76-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIH-125		30		L	50	10	-	-		20		300	-	-	200		20		100
3	126		L		N	30	L	-	-		30		300	-	-	300		20		70
4	127		20		N	15	L	-	-		10		300	-	-	150		10		30
5	128		N		N	30	L	-	-		20		150	-	-	200		15		50
6	129		20		N	30	10	-	-		20		200	-	-	200		20		50
7	130		L		N	30	L	-	-		30		300	-	-	300		20		50
8	131		N		N	15	10	-	-		15		150	-	-	150		15		30
9	132		20		N	30	L	-	-		20		300	-	-	150		15		70
10	133		L		N	70	L	-	-		20		200	-	-	200		15		100
11	134		N		N	30	L	-	-		30		300	-	-	300		15		70
12	135		50		10	50	20	-	-		15		100	-	-	150		30		150
13	136		N		L	30	L	-	-		30		100	-	-	300		15		20
14	137		N		N	30	10	-	-		30		100	-	-	300		15		30
15	138		L		10	100	L	-	-		30		100	-	-	300		30		150
16	139		20		L	15	10	-	-		15		300	-	-	200		10		150
17	140		N		L	50	10	-	-		20		200	-	-	300		15		50
18	141		N		N	30	L	-	-		50		200	-	-	300		20		50
19	142		L		L	20	L	-	-		30		300	-	-	300		15		150
20	143		L		L	15	15	-	-		30		300	-	-	300		15		50
21	144		20		L	20	10	-	-		20		300	-	-	200		20		50
22	145		20		L	20	15	-	-		20		300	-	-	300		15		70
23	146		20	↓	L	50	10	-	-	↓	20	↓	500	-	-	200	↓	15	↓	70
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-77-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1000	N	N	N	10	150	N	N	N	30	150	100
2	AIH-147		5	1	1.5	.3	500				L	150	L			7	150	30
3	148		7	1.5	1	.3	500				L	150	L			10	200	50
4	149		7	.7	.7	.3	700				L	200	L			10	150	50
5	150		10	3	3	.3	700				L	200	N			15	70	30
6	151		15	3	2	.7	1500				L	300	N			30	150	30
7	152		7	1.5	1	.3	700				L	200	L			15	150	30
8	153		5	.5	.7	.2	500				L	150	L			10	150	20
9	154		7	1.5	1.5	.3	700				L	150	L			15	150	30
10	155		3	.3	.5	.2	300				L	150	L			7	150	20
11	156		7	.7	.3	.5	700				10	300	L			20	150	70
12	157	Back	7	1	.5	.3	700				L	150	L			15	100	30
13	158		10	1.5	.5	.7	1000				10	150	1.5			20	150	70
14	159		10	5	3	.2	700				L	200	N			20	300	50
15	160	Post Hole	7	1.5	1	.3	700				L	150	N			20	150	50
16	161		10	2	1	.3	700				L	200	L			20	150	70
17	162		5	2	2	.3	500				L	150	L			7	150	20
18	163		7	3	3	.3	700				L	200	N			20	150	50
19	164		5	2	2	.5	500				L	300	L			10	150	30
20	165		10	5	3	.5	700				L	300	N			20	150	50
21	166		10	3	3	.3	700				L	300	N			20	150	70
22	167		10	1.5	1	.5	700				L	300	L			15	150	50
23	168		7	1.5	2	.3	500	↓	↓	↓	L	300	L	↓	↓	7	70	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-77-E
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	10	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIH-147		L		N	70	L	-	-		15		300	-	-	150		15		50
3	148		L		N	70	L	-	-		20		150	-	-	200		10		70
4	149		20		N	70	10	-	-		15		100	-	-	150		30		70
5	150		N		L	50	L	-	-		20		700	-	-	200		15		70
6	151		N		N	70	L	-	-		20		500	-	-	300		15		100
7	152		N		N	70	N	-	-		20		300	-	-	200		15		100
8	153		N		L	50	L	-	-		15		200	-	-	150		10		70
9	154		N		N	70	L	-	-		20		300	-	-	200		10		70
10	155		N		N	50	L	-	-		10		200	-	-	150		10		50
11	156		N		N	70	10	-	-		20		150	-	-	200		20		100
12	157		N		N	50	10	-	-		15		200	-	-	200		30		50
13	158		20		N	70	10	-	-		20		150	-	-	300		50		100
14	159		N		L	100	L	-	-		20		300	-	-	200		10		50
15	160		N		L	70	L	-	-		20		200	-	-	200		15		50
16	161		N		L	70	10	-	-		20		200	-	-	200		15		70
17	162		N		N	50	10	-	-		20		300	-	-	200		15		70
18	163		N		N	100	L	-	-		20		500	-	-	200		15		70
19	164		N		L	70	10	-	-		20		300	-	-	200		10		70
20	165		N		L	100	10	-	-		20		700	-	-	300		20		100
21	166		N		L	100	L	-	-		20		700	-	-	300		15		100
22	167		N		L	70	10	-	-		20		300	-	-	200		15		100
23	168		L	↓	L	50	10	-	-	↓	15	↓	500	-	-	200	↓	15	↓	100
24								-	-					-	-					

BUTLER PEAK

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-78-F 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.3	1000	N	N	N	L	150	N	N	N	20	150	70
2	AIH-169		5	.7	.7	.2	700					150	L			7	100	15
3	170		10	1	1	.3	1000					300	L			15	150	70
4	171		7	.7	1	.2	700					300	L			15	150	70
5	172		10	1.5	1.5	.3	700					300	L			15	100	30
6	173		10	1.5	1.5	.7	700					150	L			15	150	50
7	174		10	2	2	.7	1000					200	L			20	150	70
8	175		10	2	1.5	.5	700					200	L			20	150	70
9	176		15	3	3	.7	700					200	N			30	150	30
10	177		7	2	2	.3	700					150	L			20	150	20
11	178		10	3	3	.3	700					200	N			30	200	30
12	179		7	2	1.5	.3	500					200	L			15	150	30
13	180		15	5	2	1	1000					150	N			50	200	50
14	181		10	3	2	.5	700					150	N			20	150	30
15	182		10	3	1.5	.5	700					150	L			20	200	70
16	183		15	2	1	1	700					150	L			20	200	70
17	184		5	.5	.3	.15	500					100	L			7	100	30
18	185		7	1.5	1	.3	700					150	L			15	150	50
19	186		15	2	.7	.3	700					200	L			20	150	70
20	187		7	.3	.2	.3	1000					200	2			15	70	30
21	188		5	1	1	.2	700					200	L			7	30	30
22	189		10	2	1	.3	700					300	L			20	70	70
23	190		7	.3	.3	.3	1500					300	2			10	50	50
24																		

Park Rustler

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-78-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	10	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-169		N			70	L	-	-		10		300	-	-	150		15		70
3	170		L			70	10	-	-		20		300	-	-	200		20		70
4	171		L			70	10	-	-		15		300	-	-	150		15		70
5	172		N			70	L	-	-		15		300	-	-	150		15		70
6	173		N			70	L	-	-		20		300	-	-	300		15		70
7	174		N			70	10	-	-		20		300	-	-	300		15		70
8	175		N			70	10	-	-		20		300	-	-	200		15		70
9	176		N			100	L	-	-		20		500	-	-	300		15		70
10	177		N			70	L	-	-		15		300	-	-	150		10		30
11	178		N			100	L	-	-		20		300	-	-	300		15		30
12	179		N			70	L	-	-		15		300	-	-	150		15		70
13	180		N			150	L	-	-		20		300	-	-	300		15		50
14	181		N			50	L	-	-		15		500	-	-	200		10		70
15	182		N			50	L	-	-		20		200	-	-	200		15		70
16	183		N			70	L	-	-		20		200	-	-	300		15		70
17	184		20			50	10	-	-		10		150	-	-	100		20		50
18	185		20			70	10	-	-		20		200	-	-	150		15		50
19	186		L			70	10	-	-		30		200	-	-	200		20		70
20	187		20			30	10	-	-		20		100	-	-	150		30		70
21	188		L			30	15	-	-		15		300	-	-	150		15		50
22	189		N			50	15	-	-		15		300	-	-	200		10		70
23	190		50	↓	↓	30	10	-	-	↓	15	↓	150	-	-	150	↓	70	↓	70
24								-	-					-	-					

RUSTLER PEAK

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-79-E 6 Step D. C. Arc REQUESTED BY R. BOWEN DATE 7/23/68

REPORT NO HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIH-191		10	.5	.5	.5	700					300	1.5			7	100	70
3	192		10	1	.5	.5	1000					300	2			15	70	70
4	193		10	2	2	.5	1000					300	N			15	100	30
5	194		10	2	3	.3	700					300	L			10	100	50
6	195		15	5	5	1	1500					300	N			20	150	50
7	196		10	.5	.3	.7	1500					300	1			15	150	70
8	197		10	1	.7	.7	1000					300	1			15	150	70
9	198		10	.7	.5	.5	700					300	1			15	150	70
10	199		7	.7	.5	.5	1000					500	1.5			15	100	70
11	200		7	1	.7	.3	1000					300	L			15	100	70
12	201		15	1.5	1.5	.7	1500					500	1			20	200	100
13	202		15	1.5	.5	1	1500					500	1			30	200	100
14	203		10	1.5	.7	.7	1000					300	L			15	200	70
15	204		15	1	.3	1	1500					500	1			30	300	150
16	205		10	1.5	.7	.7	2000					200	L			30	200	70
17	206		10	2	1	1	1000					200	N			30	300	100
18	207		7	1	1	.5	1500					200	L			20	150	50
19	208		10	1.5	1	.7	700					200	L			20	150	50
20	209		10	1.5	1	.5	1000					200	L			30	200	70
21	210		7	.3	.5	.5	1000					200	L			10	100	50
22	211		15	1	.3	.5	1500					300	L			20	150	100
23	212		10	.7	.5	.7	1500					300	L			15	150	70
24																		

Rust & Heat Peak

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-79-F
REPORT NO. AM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIH-191		20		N	30	L	-	-		20		150	-	-	150		15		70
3	192		L		N	50	L	-	-		20		150	-	-	200		20		70
4	193		N		N	70	L	-	-		20		500	-	-	200		15		100
5	194		N		N	70	L	-	-		15		500	-	-	150		15		70
6	195		N		N	100	L	-	-		30		700	-	-	300		15		100
7	196		30		L	50	15	-	-		20		100	-	-	200		20		150
8	197		20		N	50	15	-	-		20		200	-	-	150		20		100
9	198		20		L	50	20	-	-		20		150	-	-	200		15		150
10	199		20		L	50	15	-	-		20		200	-	-	150		30		150
11	200		L		L	50	20	-	-		15		200	-	-	150		15		100
12	201		20		L	70	20	-	-		20		300	-	-	200		20		150
13	202		L		L	70	20	-	-		20		150	-	-	300		20		150
14	203		L		L	70	15	-	-		20		150	-	-	150		20		100
15	204		20		10	70	20	-	-		30		100	-	-	300		20		200
16	205		L		N	70	L	-	-		30		100	-	-	200		20		70
17	206		N		N	100	L	-	-		30		200	-	-	300		15		70
18	207		N		N	70	L	-	-		15		200	-	-	150		15		70
19	208		N		N	70	L	-	-		30		200	-	-	200		20		150
20	209		N		N	70	10	-	-		30		200	-	-	300		20		70
21	210		N		N	50	10	-	-		15		100	-	-	200		15		70
22	211		N		N	100	L	-	-		30		L	-	-	300		15		100
23	212		N	↓	N	30	10	-	-	↓	20	↓	100	-	-	300	↓	20	↓	100
24								-	-					-	-					

RUSTLER PEAK

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-80-E 6 Step D. C. Arc REQUESTED BY R BOWENS DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.7	1500	N	N	N	L	150	N	N	N	50	200	150
2	AEH213		10	.7	.5	.7	700				L	200	L			15	150	70
3	214		10	1	.7	.7	700				L	300	1			10	150	70
4	215		10	.7	1	.7	1000				L	200	1			20	150	70
5	216		10	2	3	.7	1000				10	500	L			20	100	70
6	217		10	.7	.3	.7	1000				L	300	L			20	150	70
7	218		10	1.5	.7	.7	1000				L	300	L			30	200	100
8	219		10	1	.5	.5	700				L	200	L			15	200	70
9	220		7	1	.7	.5	700				L	300	L			10	150	50
10	221		10	.5	.5	.5	700				L	300	L			15	100	70
11	222		5	1.5	1.5	.7	700				L	200	L			7	70	20
12	223		10	3	1.5	.5	700				L	200	N			20	200	50
13	224		10	3	1.5	.3	700				L	200	N			20	150	30
14	225		7	1.5	1.5	.3	700				L	200	N			7	150	30
15	226		7	2	2	.3	1000				L	200	L			15	150	30
16	227		10	5	5	.3	1000				10	100	N			30	700	100
17	228		10	2	2	.5	2000				30	300	L			30	2000	100
18	229		15	3	5	.7	1000				30	150	N			50	5000	100
19	230		10	2	3	.5	1000				30	300	N			20	1500	100
20	231		10	3	2	.5	1500				10	100	N			50	5000	50
21	232		10	3	3	.3	1000				L	70	N			50	2000	50
22	233		7	1.5	.7	.3	1000				30	300	N			20	1000	50
23	234		7	1.5	.7	.3	1000	↓	↓	↓	30	300	N	↓	↓	20	1000	50
24																		

RUSTLER PEAK STRUCTURE

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-80-E
REPORT NO. HM-1006 ANALYST J. MOTOUKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	////	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	ASH-2B		N			70	L	-	-		20		100	-	-	200		20		100
3	214		20			70	10	-	-		20		150	-	-	300		15		70
4	215		L			70	15	-	-		20		200	-	-	300		15		70
5	216		N			50	10	-	-		20		700	-	-	200		20		100
6	217		L			70	L	-	-		20		100	-	-	200		20		70
7	218		L			100	15	-	-		30		200	-	-	200		20		70
8	219		L			70	15	-	-		20		100	-	-	200		15		70
9	220		L			50	10	-	-		20		200	-	-	150		15		70
10	221		L			70	15	-	-		15		100	-	-	200		15		70
11	222		L			50	10	-	-		20		300	-	-	100		20		70
12	223		N			150	L	-	-		20		300	-	-	200		10		50
13	224		N			150	L	-	-		15		300	-	-	200		10		50
14	225		L			70	L	-	-		15		300	-	-	150		10		50
15	226		L			100	L	-	-		15		500	-	-	150		15		50
16	227		N			200	L	-	-		30		150	-	-	300		20	↓	50
17	228		20			300	15	-	-		20		100	-	-	200		20	L	70
18	229		20			300	L	-	-		30		200	-	-	300		30	N	70
19	230		20			200	10	-	-		20		200	-	-	200		20	N	70
20	231		N			500	L	-	-		20		100	-	-	300		10	N	50
21	232		N			500	L	-	-		20		100	-	-	300		10	N	30
22	233		L			300	10	-	-		15		100	-	-	150		15	N	50
23	234		N	↓	↓	300	10	-	-	↓	10	↓	L	-	-	150	↓	10	L	50
24								-	-					-	-					

RUSTLER PEAK ↑ SECMA ↓

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-81-E 6 Step D. C. Arc REQUESTED BY R. BOWENS DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	3	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AI H-235		10	1.5	.3	.3	1500	N			30	500	L			10	150	70
3	236		10	1.5	.15	.3	1000	L			50	500	L			15	150	70
4	237		5	1.5	.2	.2	300	L			30	500	L			5	200	60
5	238		5	1	.2	.2	700	N			30	500	L			7	150	30
6	239		10	3	1	.3	1500	N			50	500	L			30	700	70
7	240		10	3	2	.3	1500	N			30	200	L			30	1500	70
8	241		7	1	.15	.3	2000	.7			50	300	1			30	100	70
9	242		5	1	.15	.2	700	L			30	500	L			5	150	30
10	243		7	1.5	.2	.3	700	L			30	700	L			10	150	50
11	244		7	1	.2	.3	1000	L			50	500	1			10	150	50
12	245		3	.7	.2	.2	700	L			30	500	1			7	100	50
13	246		5	1.5	.3	.2	700	L			30	700	L			7	700	70
14	247		10	5	3	.2	1000	N			20	150	N			30	2000	70
15	248		15	7	2	.15	1000	N			10	70	N			70	5000	30
16	244		20	7	3	.3	2000	N			20	200	N			100	G(5000)	100
17	250		15	5	1	.15	N	N			10	150	N			50	5000	50
18	251		10	2	1	.2	1000	N			10	100	N			50	5000	20
19	252		5	1	.07	.3	700	L			30	500	L			7	200	50
20	253		5	1	.15	.2	700	L			30	700	L			5	200	50
21	254		3	1	.15	.3	700	N			30	500	L			7	150	50
22	255		3	1	.2	.2	500	N			30	300	L			5	500	20
23	256		10	2	2	.3	1000	N	↓	↓	10	50	N	↓	↓	30	300	70
24																		

SECMA

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-81-E
REPORT NO. HA-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	10	-	-	N	30	N	200	-	-	300	N	20	N	20
2	AH235		20		L	70	10	-	-		15		L	-	-	150		20	L	100
3	236		20		N	100	20	-	-		15		L	-	-	150		20	L	100
4	237		20		N	50	20	-	-		15		L	-	-	150		15	N	150
5	238		20		L	50	10	-	-		10		L	-	-	150		10	N	100
6	239		L		L	200	20	-	-		20		L	-	-	200		20	L	100
7	240		L		N	300	10	-	-		20		L	-	-	200		15	L	70
8	241		20		N	50	30	-	-		20		N	-	-	200		30	N	100
9	242		20		L	50	15	-	-		10		N	-	-	150		10	L	70
10	243		20		L	50	20	-	-		15		L	-	-	200		20	N	150
11	244		20		L	50	15	-	-		15		L	-	-	150		20	L	150
12	245		20		L	50	10	-	-		15		N	-	-	150		15	L	100
13	246	20	20		L	100	50	-	-		15		L	-	-	150		15	L	150
14	247	SUMA 21	20		L	500	L	-	-		30		100	-	-	200		15	N	30
15	248	22	N		N	1000	N	-	-		20		N	-	-	200		10	N	20
16	249	23	N		L	2000	N	-	-		30		L	-	-	200		15	N	30
17	250		20		N	700	N	-	-		15		N	-	-	150		10	L	30
18	251		N		N	500	N	-	-		15		N	-	-	200		10	N	20
19	252		20		L	50	20	-	-		10		N	-	-	150		15	N	150
20	253		20		L	50	20	-	-		10		N	-	-	150		15	N	100
21	254		20		L	50	10	-	-		10		N	-	-	150		15	N	100
22	255		L		L	70	10	-	-		7		N	-	-	100		10	N	150
23	256		N	↓	N	100	N	-	-	↓	30	↓	150	-	-	200	↓	20	N	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-82-A
REPORT NO. 14M-1046
6 Step D. C. Arc
REQUESTED BY R. BOWENS
DATE 7/23/68
SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIM-257		10	5	3	.5	1500	N			15	150	N			30	5000	50
3	258		7	1	.1	.2	1500	.5			30	700	L			7	200	50
4	259		3	1	.1	.3	200	L			30	500	L			5	150	30
5	260		10	2	1	.5	1000	N			30	500	L			20	1500	70
6	261		5	1.5	.2	.3	500	L			30	700	L			7	300	50
7	262		10	2	1	.3	1500	N			20	150	N			50	2000	30
8	263	37	15	7	.7	.1	1500	N			L	30	N			100	G(500)	30
9	264	38	15	7	1.5	.15	1500	N			15	50	N			70	G(600)	30
10	265	39	15	5	.7	.1	1000	N			L	30	N			70	5000	20
11	266	40	10	5	3	.3	1500	N			15	150	N			30	2000	70
12	267	41	10	2	3	.3	1500	N			10	100	N			20	1000	100
13	268	42	10	1	3	.3	1000	N			10	100	N			15	150	50
14	269	43	15	5	3	.2	1000	N			10	70	N			50	5000	70
15	270	44	10	2	2	.2	1000	N			10	150	N			30	1000	100
16	271	45	10	3	3	.3	1500	N			15	150	N			30	3000	100
17	272	46	7	1.5	.7	.5	1500	L			30	300	L			7	100	70
18	273	47	15	2	5	1	2000	N			L	150	N			30	500	100
19	274	48	15	2	7	G(1)	2000	N			L	150	N			20	500	70
20	275	49	15	3	7	1	1500	N			L	100	N			20	200	70
21	276		10	2	3	1	1500	N			10	200	N			20	300	200
22	277		15	3	5	G(1)	1500	N			10	200	N			30	500	70
23	278		3	.7	1	.3	500	N	↓	↓	10	150	N	↓	↓	5	200	20
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-82-6
REPORT NO. HM-1006 ANALYST J. MOTIKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	HM-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIH-257		N		N	300	N	-	-		30		150	-	-	300		20	N	200
3	258		30		L	50	20	-	-		15		L	-	-	150		15	N	150
4	259		20		L	70	15	-	-		10		N	-	-	150		30	N	150
5	260		20		L	150	10	-	-		30		100	-	-	300		30	L	150
6	261		L		L	100	15	-	-		15		N	-	-	150		15	N	150
7	262		N		L	500	L	-	-		20		100	-	-	200		15	N	100
8	263	37	N		N	1500	N	-	-		20		N	-	-	150		10	N	10
9	264	38	N		N	1500	N	-	-		20		N	-	-	200		L	N	30
10	265	39	N		L	1500	N	-	-		20		N	-	-	150		L	N	10
11	266	40	N		L	500	N	-	-		30		150	-	-	300		30	N	70
12	267	41	N		L	150	N	-	-		30		200	-	-	300		30	N	50
13	268	42	N		L	50	N	-	-		30		200	-	-	200		50	N	100
14	269	43	N		L	700	N	-	-		20		150	-	-	200		20	N	50
15	270	44	L		L	300	10	-	-		30		100	-	-	200		20	N	50
16	271	45	N		L	200	L	-	-		30	"	150	-	-	300		20	N	30
17	272	46	L		L	50	15	-	-		20	10	100	-	-	200		30	N	100
18	273	47	N		L	150	L	-	-		30	N	100	-	-	300		50	N	100
19	274	48	N		L	100	L	-	-		30	N	150	-	-	300		70	N	150
20	275	49	N		L	100	L	-	-		30	N	150	-	-	300		50	N	100
21	276		N		L	150	10	-	-		30	N	100	-	-	300		50	N	100
22	277		N		L	150	L	-	-		30	N	100	-	-	500		50	N	70
23	278		N	"	L	30	10	-	-	"	10	L	L	-	-	150	"	10	N	50
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-83-E 6 Step D. C. Arc REQUESTED BY R. BOWENS DATE 7/23/68

REPORT NO. AM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	200	100
2	AIH-279		20	5	7	G(1)	2000				10	150	N			50	G(5000)	70
3	280		10	1.5	.7	.5	1000				30	300	L			20	1000	70
4	281		7	1	1.5	.3	1000				15	200	L			7	150	50
5	282		10	1.5	1.5	.5	2000				15	300	L			10	150	70
6	283		5	1	1.5	.3	1500				15	150	N			5	100	30
7	284		10	2	.7	.5	1500				20	300	L			20	500	70
8	285		10	2	1.5	.5	1000				20	300	N			20	700	70
9	286		15	5	3	.3	1500				10	150	N			70	G(5000)	70
10	287		10	3	1.5	.5	1500				30	300	L			30	3000	70
11	288		10	2	1.5	.5	1500				30	300	L			20	500	70
12	289		7	1.5	.5	.3	700				30	500	L			10	150	50
13	290		15	3	3	.7	1500				15	200	N			30	3000	70
14	291		7	1	.2	.3	1000	L			30	500	L			7	300	50
15	292		15	5	2	1	2000	N			30	300	N			50	G(5000)	70
16	293		15	5	3	1	2000	N			30	150	N			50	G(5000)	70
17	294		10	3	3	.3	1500	N			15	150	N			20	1500	70
18	295		10	1	.1	.3	1000	N			30	700	L			7	150	50
19	296	70	7	1	.15	.3	1000	.15			30	700	L			5	150	50
20	297	71	10	3	3	.5	1500	2			30	300	N			30	700	70
21	298	72	15	3	1.5	.3	1500	N			30	300	N			20	700	70
22	299	73	10	2	1	.5	1000	1.5			30	500	L			15	700	70
23	300	74	15	5	2	.5	1500	N	↓	↓	30	150	N	↓	↓	30	1500	70
24																		

SEQMA

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-83-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	10	-	-	N	30	N	200	-	-	300	N	20	N	70
2	A17279		N		L	500	L	-	-		30	N	200	-	-	500		50		100
3	280		L		L	300	10	-	-		20	N	L	-	-	300		15		100
4	281		L		N	30	L	-	-		20	L	200	-	-	150		15		50
5	282		L		N	50	L	-	-		30	L	200	-	-	200		30		70
6	283		L		N	50	L	-	-		20	N	150	-	-	150		20		50
7	284		20		N	300	15	-	-		30	N	N	-	-	200		30		100
8	285		L		N	200	10	-	-		30	N	150	-	-	200		20		100
9	286		N		N	500	N	-	-		30	N	200	-	-	300		15		20
10	287		N		10	300	15	-	-		30	N	100	-	-	300		20	V	150
11	288		N		L	150	L	-	-		20	N	100	-	-	300		20	L	150
12	289		N		L	70	L	-	-		20	N	100	-	-	200		15	L	150
13	290		N		L	200	L	-	-		30	N	200	-	-	300		20	N	100
14	291		20		10	70	15	-	-		15	L	N	-	-	150		15	N	150
15	292		N		10	500	15	-	-		20	N	N	-	-	300		15	L	100
16	293		N		L	300	N	-	-		30	N	150	-	-	300		15	L	70
17	294		L		N	200	L	-	-		30	N	150	-	-	300		15	N	50
18	295		L		10	70	15	-	-		15	L	N	-	-	200		15	N	150
19	296	70	L		L	50	20	-	-		10	L	N	-	-	150		15	N	150
20	297	71	N		L	300	10	-	-		30	N	200	-	-	300		15	N	70
21	298	72	L		L	300	10	-	-		20	L	100	-	-	300		20	N	100
22	299	73	L		L	200	10	-	-		20	L	100	-	-	200		20	N	150
23	300	74	N	V	L	300	10	-	-	V	30	N	150	-	-	300	V	20	N	50
24								-	-					-	-					

SECMA

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-84-E 6 Step D. C. Arc REQUESTED BY R. BUWENS DATE 7/24/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	150	100
2	ASH-301	75	15	3	3	.7	1500				30	300	N			20	700	70
3	302	76	5	1	.15	.3	500				30	300	L			5	70	20
4	303	77	7	5	3	.3	1000				L	20	N			30	3000	30
5	304	84	7	1	1	.3	1500				L	100	N			10	G(5000)	15
6	305	78	10	3	5	1	1500				10	150	N			20	500	50
7	306	79	15	3	5	1	2000				15	150	N			20	1500	50
8	307	80	10	5	2	.2	700				15	100	N			30	G(5000)	70
9	308	81	15	3	3	1	700				10	150	N			20	2000	30
10	309	82	15	5	3	.5	1500				L	100	N			30	G(5000)	50
11	310	83	15	3	3	.7	1000				15	150	N			30	700	30
12	311		10	15	1.5	.3	700				10	200	L			10	150	50
13	312		10	1	.7	.3	700				L	150	L			15	100	50
14	313		10	3	2	.5	700				L	200	N			15	150	30
15	314		7	.5	.3	.2	700				L	150	L			10	150	50
16	315		10	2	1	.3	300				L	150	L			10	150	50
17	316		10	1	1	.5	700				L	200	L			10	150	50
18	317		10	1	1	.3	500				L	200	L			10	150	50
19	318		7	1	1	.3	500				L	200	L			7	150	30
20	319		7	1.5	1	.3	700				L	150	L			10	150	30
21	320		7	1.5	1.5	.3	300				L	200	L			7	150	30
22	321		10	.7	.7	.7	1000				L	300	L			10	150	70
23	322		10	.7	.7	.3	700	↓	↓	↓	L	200	L	↓	↓	7	100	70
24																		

SELMA

SURVEYOR MTN

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FIEM NO. 2-34-E
REPORT NO. HA-1006

ANALYST J. MUTUKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	10	-	-	N	30	N	200	-	-	300	N	20	N	70
2	ASH-301	75	N		N	70	10	-	-		30	N	200	-	-	300		20	N	70
3	302	76	20		N	50	L	-	-		10	N	14	-	-	150		15	N	100
4	303	77	N		N	500	L	-	-		30	70	100	-	-	300		15	N	20
5	304	84	N		N	100	L	-	-		7	N	100	-	-	200		L	L	150
6	305	78	N		10	70	L	-	-		30	N	200	-	-	200		20	N	150
7	306	79	L		10	50	L	-	-		30	N	300	-	-	300		30		150
8	307	80	N		L	300	20	-	-		20	N	200	-	-	200		15		30
9	308	81	L		20	100	L	-	-		30	N	300	-	-	200		30		150
10	309	82	N		10	300	L	-	-		30	N	100	-	-	200		20		150
11	310	83	N		10	100	L	-	-		30	N	150	-	-	300		30		150
12	311		N		N	50	15	-	-		20	N	300	-	-	150		15		100
13	312		N		N	50	15	-	-		15	N	150	-	-	150		15		70
14	313		N		L	70	15	-	-		20	N	300	-	-	200		10		70
15	314		20		N	50	15	-	-		20	N	150	-	-	150		50		70
16	315		L		10	50	10	-	-		20	N	300	-	-	150		20		70
17	316		L		L	30	10	-	-		20	N	200	-	-	200		15		100
18	317		L		L	30	20	-	-		20	N	200	-	-	200		15		100
19	318		L		L	30	10	-	-		20	N	200	-	-	150		20		100
20	319		L		L	50	10	-	-		20	N	200	-	-	150		20		100
21	320		L		L	30	10	-	-		15	N	300	-	-	150		10		100
22	321		L		L	30	10	-	-		15	N	150	-	-	200		20		150
23	322		L		L	30	15	-	-		15	N	100	-	-	150		15		100
24								-	-					-	-					

SECTION 1 OF SURVEYOR MAP

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 7-85-E 6 Step D. C. Arc REQUESTED BY R Bivens DATE 7/23/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	////////	W-1	15	5	7	.3	1500	N	N	N	L	150	N	N	N	30	150	100
2	AIH323	1	15	5	7	.5	2000				10	300				20	70	70
3	324	2	15	5	7	.5	2000				20	300				20	70	70
4	325	3	15	3	5	.2	1500				10	300				20	150	70
5	326	4	15	5	5	.15	1500				L	200				20	300	70
6	327	5	10	3	3	.15	1500				L	150				20	500	70
7	328	6	10	1.5	3	.2	700				20	300				20	100	50
8	329	7	10	1.5	3	.2	700				10	500				20	70	30
9	330	8	7	1.5	2	.15	700				15	200				15	200	70
10	331	9	10	2	3	.2	700				10	200				20	300	70
11	332	10	15	5	5	.3	1000				10	300				30	1000	50
12	333	11	15	5	5	.3	1500				10	300				30	1000	70
13	334	12	10	3	5	.15	700				10	200				10	200	70
14	335	13	10	1.5	2	.2	1000				L	300	↓			10	70	70
15	336	14	10	2	3	.2	700				15	200	L			20	150	100
16	337	15	10	2	5	.2	1500				15	700	L			15	150	30
17	338	16	10	2	3	.1	1000				10	200	N			15	200	30
18	339	17	10	5	3	.2	700				10	100	N			20	700	70
19	340	18	15	5	5	.2	1500				10	150	N			20	500	70
20	341	19	15	5	2	.15	700				10	200	N			20	500	50
21	342	20	10	5	2	.1	1000				L	100	N			20	700	70
22	343	21	10	5	5	.2	1500				20	200	N			15	300	70
23	344	22	20	7	1	.2	1500	↓	↓	↓	20	300	N	↓	↓	50	G(5000)	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

#23 >> 5000 ppm Cr.

FILM NO. 2-85-6
REPORT NO. HM-1006 ANALYST J. MOTOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AH-323	1	N		N	30	L	-	-				300	-	-	300		20		50
3	324	2	N		N	20	L	-	-				300	-	-	300		20		70
4	325	3	N		N	50	L	-	-				300	-	-	300		15		70
5	326	4	N		L	70	L	-	-				200	-	-	300		10		50
6	327	5	N		N	70	20	-	-				200	-	-	300		15		30
7	328	6	L		N	20	10	-	-				300	-	-	300		20		200
8	329	7	L		L	15	10	-	-				500	-	-	300		20		100
9	330	8	L		L	30	15	-	-				200	-	-	200		15		30
10	331	9	L		L	50	10	-	-				150	-	-	300		15		30
11	332	10	N		L	200	10	-	-				200	-	-	300		20		70
12	333	11	N		L	200	15	-	-				200	-	-	300		20		100
13	334	12	N		L	30	10	-	-		↓		300	-	-	300		15		70
14	335	13	L		L	20	L	-	-		20		300	-	-	200		15		70
15	336	14	20		L	50	L	-	-		30		300	-	-	300		20		100
16	337	15	L		L	50	20	-	-		30		500	-	-	300		20		100
17	338	16	L		L	50	10	-	-		20		300	-	-	200		15		20
18	339	17	N		L	100	10	-	-		30		150	-	-	300		15		20
19	340	18	L		L	70	10	-	-		30		300	-	-	300		15		50
20	341	19	N		L	100	10	-	-		30		200	-	-	300		15		30
21	342	20	N		N	150	L	-	-		30		100	-	-	300		L		10
22	343	21	N		N	100	15	-	-		30		150	-	-	200		15	↓	30
23	344	22	N	↓	L	700	N	-	-	↓	15	↓	L	-	-	300	↓	10	200	30
24								-	-					-	-					

TACENT

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-86-E 6 Step D. C. Arc REQUESTED BY R. Bowers DATE 7/24/68

REPORT NO. 14M-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1000	N	N	N	L	150	N	N	N	30	150	100
2	AIH-345	23	10	3	1.5	.5	1000	N			30	500	N			15	700	70
3	346	24	7	1.5	2	.3	1500	L			20	700	L			10	200	50
4	347	25	15	3	3	.7	1000	N			20	500	L			20	5000	50
5	348	26	15	5	3	.5	1500				15	300	L			30	3000	70
6	349	27	10	5	3	.5	1500				10	300	L			30	1500	20
7	350	28	10	2	2	.3	700				15	300	L			15	150	50
8	351	29	7	2	5	.3	500				20	300	L			10	150	30
9	352	30	10	2	3	.3	1000				15	500	L			20	200	70
10	353	31	7	2	3	.2	1000				20	700	L			10	150	70
11	354	32	10	2	2	.2	700				15	300	L			10	150	70
12	355	33	10	1.5	1	.3	700				30	300	L			15	200	70
13	356	34	10	1.5	3	.3	1000				20	300	L			15	200	50
14	357	35	10	1.5	1.5	.3	700				15	300	L			15	200	50
15	358	36	10	1.5	1.5	.3	700				15	300	L			20	300	70
16	359	37	10	5	3	.3	700				15	500	N			20	1500	50
17	360	38	10	2	3	.2	700				30	500	N			15	150	70
18	361	39	10	2	3	.2	700				30	500	N			15	150	70
19	362	40	10	3	5	.3	700				30	500	N			10	200	70
20	363	41	7	2	7	.5	700				20	300	N			10	200	50
21	364	42	10	2	3	.3	700				20	300	N			7	200	70
22	365	43	10	3	5	.3	1500				10	500	N			15	500	70
23	366	44	15	5	5	1	1500	↓	↓	↓	L	500	N	↓	↓	20	300	50
24																		

TAILSUT

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-86-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIA345	23	L		10	150	L	-	-		20		150	-	-	200		20		150
3	346	24	20		L	150	L	-	-		15		200	-	-	150		20		50
4	347	25	L		10	200	L	-	-		30		200	-	-	300		30		150
5	348	26	L		L	300	L	-	-		30		200	-	-	200		20		100
6	344	27	N		L	300	L	-	-		30		200	-	-	300		30		100
7	350	28	20		L	50	10	-	-		20		300	-	-	200		20		100
8	351	29	20		N	30	10	-	-		30		500	-	-	200		30		70
9	352	30	20		L	50	10	-	-		30	V	300	-	-	300		20		70
10	353	31	20		L	30	50	-	-		20	10	300	-	-	300		20		100
11	354	32	20		L	30	20	-	-		30	N	300	-	-	300		20		70
12	355	33	L		L	70	L	-	-		20	N	200	-	-	200		20		150
13	356	34	L		L	70	10	-	-		30	N	300	-	-	200		20		100
14	357	35	20		N	70	L	-	-		30	N	200	-	-	200		20		100
15	358	36	L		L	70	L	-	-		30	N	200	-	-	200		20		100
16	359	37	L		L	150	15	-	-		30	N	300	-	-	300		20		150
17	360	38	L		N	30	15	-	-		30	N	300	-	-	300		20		100
18	361	39	L		L	30	15	-	-		30	N	300	-	-	300		20		70
19	362	40	L		L	50	15	-	-		30	N	500	-	-	300		20		100
20	363	41	20		L	30	50	-	-		20	N	300	-	-	200		20		300
21	364	42	20		L	30	L	-	-		20	N	300	-	-	150		20		100
22	365	43	L		L	50	70	-	-		30	N	300	-	-	300		15		100
23	366	44	20	V	10	50	N	-	-	V	30	N	300	-	-	300	V	50	V	500
24								-	-					-	-					

TAL FUT

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-87-E 6 Step D. C. Arc REQUESTED BY R. Bowens DATE 7/24/68

REPORT NO. 14 A-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.7	1000	N	N	N	L	150	N	N	N	30	200	100
2	ASH-367	45	10	2	5	.3	1000				15	300				7	200	20
3	368	46	7	2	3	.3	1000				20	500				7	200	20
4	369	47	10	3	3	1	1000				L	300				10	200	7
5	370	48	10	2	3	.2	700				L	500				7	150	10
6	371	49	10	2	3	.5	700				L	500				10	150	15
7	372	50	10	3	3	.5	700				L	500				10	150	15
8	373	51	10	3	3	.5	1000				L	500				15	150	20
9	374	52	10	3	3	.5	1000				L	600				10	200	30
10	375	53	10	5	2	.2	700				15	500	V			30	3000	30
11	376	54	5	2	2	.2	700				10	500	L			7	150	20
12	377	55	10	5	3	.2	700				L	300	N			30	500	30
13	378	56	7	3	2	.2	700				10	300	N			15	300	50
14	379	57	10	3	5	.3	700				L	500	L			15	200	20
15	380	58	10	3	3	.3	1000				20	500	N			15	200	50
16	381	59	15	3	5	.7	1000				10	300	N			20	200	15
17	382	60	10	5	3	.2	700				50	300	N			30	5000	50
18	383	61	10	5	3	.3	700				L	300	N			20	1500	7
19	384	62	10	5	5	.2	1000				L	200	N			20	700	30
20	385	63	10	5	3	.2	700				50	300	N			20	500	70
21	386	64	7	2	7	.2	700				15	150	N			10	200	70
22	387	65	10	3	7	.3	700				70	300	N			15	700	70
23	388	66	15	7	5	.5	1000	V	V	V	10	500	N	V	V	30	1000	70
24																		

TALENT

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-87-5
REPORT NO. HM-1006 ANALYST J. MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AJH367	45	L		N	50	L	-	-		20		300	-	-	150		15		100
3	368	46	N		N	50	L	-	-		20		200	-	-	200		20		100
4	369	47	N		20	50	N	-	-		30		300	-	-	300		50		300
5	370	48	N		N	30	10	-	-		20		300	-	-	200		20		200
6	371	49	L		10	50	10	-	-		30		300	-	-	200		30		200
7	372	50	N		10	30	10	-	-		30		300	-	-	200		30		200
8	373	51	N		10	50	10	-	-		30		300	-	-	200		30		200
9	374	52	N		10	30	20	-	-		30		300	-	-	200		30		200
10	375	53	N		N	300	L	-	-		20		200	-	-	200		15		150
11	376	54	N		N	30	10	-	-		15		300	-	-	150		15		70
12	377	55	N		N	100	N	-	-		30		200	-	-	200		15		50
13	378	56	N		N	30	10	-	-		30		200	-	-	200		15		70
14	379	57	N		L	30	10	-	-		30		300	-	-	200		20		300
15	380	58	L		L	50	10	-	-		30		300	-	-	200		20		150
16	381	59	L		L	30	L	-	-		30		300	-	-	300		30		150
17	382	60	N		L	200	N	-	-		30		150	-	-	300		15		30
18	383	61	L		10	100	N	-	-		30		300	-	-	300		30		200
19	384	62	N		N	100	N	-	-		30		200	-	-	300		15		70
20	385	63	N		L	150	L	-	-		30		150	-	-	200		10		30
21	386	64	L		L	100	L	-	-		20		300	-	-	200		15		50
22	387	65	L		L	200	10	-	-		20		200	-	-	200		15		50
23	388	66	N		L	300	L	-	-		20		200	-	-	300		20		100
24								-	-					-	-					

TACENT

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-88-E 6 Step D. C. Arc REQUESTED BY R. BOWERS DATE 7/24/68

REPORT NO. H M-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	200	100
2	AIH-384	67	15	7	5	.15	1500				L	500				20	2000	30
3	390	68	15	7	5	.5	1500				10	300				30	5000	50
4	391	69	15	5	5	.3	1500				10	500				20	G(5000)	30
5	392	70	10	2	3	.3	1000				L	500				10	300	30
6	393	71	10	3	3	.15	1000				L	200				15	300	50
7	394	72	10	5	5	.5	1500				20	500				20	G(5000)	30
8	395	73	10	3	2	.2	1000				20	300	↓			10	200	70
9	396	74	10	3	3	.5	1500	↓			10	700	L			7	150	70
10	397	75	15	3	5	.7	1500	L			10	300	L			7	100	50
11	398	76	15	5	5	.7	1500	N			10	500	L			20	200	50
12	399	77	15	5	5	1	2000	N			10	500	L			20	150	30
13	400	78	10	3	5	.7	1500	N			L	500	N			10	150	30
14	401	79	15	5	5	.7	1000	N			10	500	N			20	300	30
15	402	80	15	5	7	.7	2000	N			15	500	L			20	200	50
16	403	81	10	5	3	.5	1500	N			L	200	N			20	500	50
17	404	83	10	5	2	.2	1000	N			L	300	N			15	700	70
18	405	84	10	3	5	.3	1500	N			10	500	L			20	1500	30
19	406	85	10	3	2	.2	700	N			10	500	N			15	150	30
20	407	88	15	3	3	.5	700	N			10	500	L			20	200	50
21	408	89	15	5	2	.7	1000	N			10	300	L			50	G(5000)	30
22	409	90	15	5	5	.7	1500	N			L	300	N			15	700	50
23	410	91	10	3	1.5	1	700	1.5	↓	↓	100	300	L	↓	↓	10	150	70
24																		

MALFUT

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-88-E
REPORT NO. AM-1086 ANALYST J. MUROKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AM389	67			N	200	N	-	-		30		150	-	-	300		20		70
3	390	68			N	200	N	-	-		30		200	-	-	300		20		100
4	391	69			N	150	L	-	-		30		200	-	-	300		15		70
5	392	70			N	50	L	-	-		15		200	-	-	200		15		100
6	393	71			N	70	N	-	-		30		150	-	-	300		15		50
7	394	72	20		10	150	L	-	-		30		200	-	-	300		50		200
8	395	73	20		L	70	20	-	-		20		200	-	-	300		15		70
9	396	74	20		L	50	10	-	-		20		200	-	-	200		20		200
10	397	75	20		10	30	10	-	-		20		300	-	-	300		20		200
11	398	76	30		15	50	20	-	-		30		500	-	-	300		50		200
12	399	77	20		N	50	15	-	-		30		300	-	-	300		50		200
13	400	78	L		N	30	20	-	-		30		300	-	-	200		20		200
14	401	79	L		10	70	15	-	-		30		300	-	-	300		30		300
15	402	80	N		L	50	15	-	-		30		500	-	-	300		30		300
16	403	81	N		L	100	15	-	-		30		150	-	-	300		20		100
17	404	83	N		L	100	L	-	-		20		150	-	-	200		20		70
18	405	84	N		L	150	10	-	-		30		300	-	-	300		20		150
19	406	85	N		L	30	10	-	-		30		300	-	-	200		20		300
20	407	88	30		10	50	20	-	-		30		300	-	-	300		30		300
21	408	89	L		L	700	15	-	-		20		100	-	-	150		15		50
22	409	90	L		L	100	10	-	-		30		200	-	-	300		20		150
23	410	91	30		20	30	15	-	-		20		150	-	-	200		70		200
24								-	-					-	-					

TALENT

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-94-E 6 Step D. C. Arc REQUESTED BY R. BOWEN J DATE 7/24/68

REPORT NO. HM-71006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	15	5	7	.5	1500	N	N	N	L	150	N	N	N	30	200	100
2	AIH-411	92	10	1.5	.7	.7	700				50	300	N			10	150	70
3	412	93	15	7	5	.3	1500				10	300	N			30	700	50
4	413	1A	15	1	1.5	1	1500				50	300	L			20	70	70
5	414	2A	15	1	1	1	1500				30	300	L			10	20	50
6	415	3A	10	.7	1	.7	1500				10	300	L			5	30	10
7	416	4A	15	1.5	3	1	2000				15	500	L			30	150	70
8	417	5A	10	1.5	1.5	.5	1500				L	300	N			20	70	70
9	418	6A	15	1.5	.7	.7	1500				10	200	N			20	150	50
10	419	7A	10	2	3	.5	1000				L	300	N			20	150	30
11	420	8A	10	1	1	.5	1000				10	300	L			10	20	20
12	421	9A	10	1.5	.7	.5	1000				10	200	L			15	100	50
13	422	10A	10	1.5	1	.3	1500				10	200	L			10	30	50
14	423	11A	10	1.5	1	.3	1000				10	300	L			10	50	30
15	424		7	1	1	.3	700				L	300	L			7	30	15
16	425		15	1.5	2	1	3000				15	500	N			10	200	30
17	426		10	1.5	1.5	.5	1000				10	300	L			10	100	30
18	427		10	1.5	1.5	.5	1000				10	300	L			10	100	50
19	428		10	1.5	1	.7	1500				15	300	L			20	100	50
20	429		10	1.5	2	.7	2000				10	300	L			20	30	50
21	430		10	1.5	3	.7	2000				20	500	L			20	50	50
22	431		10	1.5	2	.7	1000				15	300	L			10	100	50
23	432		10	1	1	.5	1500	↓	↓	↓	10	500	L	↓	↓	10	70	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-94-E
REPORT NO. HM-1006 ANALYST JERRY MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	L	-	-	N	30	N	200	-	-	300	N	20	N	70
2	AIR-411	92	50		20	70	10	-	-		15		L	-	-	200		30		100
3	412	93	N		L	150	L	-	-		30		300	-	-	300		15		70
4	413	1A	N		N	10	15	-	-		30		150	-	-	200		30		200
5	414	2A	N		N	7	10	-	-		30		150	-	-	300		30		150
6	415	3A	N		N	7	20	-	-		20		200	-	-	150		30		150
7	416	4A	N		L	10	15	-	-		30		300	-	-	300		20		100
8	417	5A	N		N	15	10	-	-		20		300	-	-	200		15		70
9	418	6A	N		L	15	L	-	-		30		150	-	-	300		20		70
10	419	7A	N		N	20	L	-	-		20		300	-	-	300		10		100
11	420	8A	N		N	7	10	-	-		20		200	-	-	150		20		150
12	421	9A	N		N	20	10	-	-		30		100	-	-	200		20		100
13	422	10A	N		N	7	L	-	-		20		100	-	-	200		15		100
14	423	11A	N		N	10	10	-	-		20		150	-	-	200		15		100
15	424		N		N	7	L	-	-		15		100	-	-	150		15		150
16	425		N		10	7	20	-	-		20		200	-	-	300		20		150
17	426		N		N	7	10	-	-		20		200	-	-	200		20		150
18	427		N		N	10	15	-	-		20		200	-	-	200		15		100
19	428		N		N	10	20	-	-		30		300	-	-	300		30		150
20	429		N		N	7	20	-	-		20		300	-	-	200		20		100
21	430		N		L	7	20	-	-		20		300	-	-	200		30		150
22	431		N		L	7	15	-	-		20		300	-	-	200		20		100
23	432		L		N	7	15	-	-		15		200	-	-	150		20		100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-95-E
REPORT NO HM-1006 ✓

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/25/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	10	3	10	.7	1500	N	N	N	10	150	N	N	N	50	200	150
2	AIH-433		7	.7	1.5	.7	2000				50	500	1			20	200	20
3	434		10	2	3	G(1)	1500				15	300	N			30	5000	30
4	435		10	1.5	2	.7	2000				20	300	L			30	700	20
5	436		3	1.5	3	.2	500				10	200	N			10	70	15
6	437		5	.5	2	1	1000				10	150	N			7	30	10
7	438		3	1.5	7	.3	1500				10	300	L			10	20	15
8	439		10	1.5	5	G(1)	2000				15	200	N			20	100	20
9	440		2	.7	3	.3	500				10	150	N			7	10	10
10	441		3	1.5	3	.3	700				10	150	N			15	70	15
11	442		5	1.5	3	.5	1000				L	150	N			15	150	10
12	TYLER 443		10	2	5	1	2000				15	200	N			30	100	20
13	444		5	2	3	.5	1000				L	150	N			20	1000	10
14	445		3	1	1.5	.3	500				50	300	L			15	70	15
15	446		15	1.5	5	G(1)	2000				L	150	N			20	3000	15
16	447		10	2	3	.7	1500				70	200	L			30	300	50
17	448		2	1	3	.2	300				L	100	L			7	100	7
18	449		5	5	3	.5	1500				15	300	L			50	1000	50
19	450		10	5	5	.7	1000				15	100	N			50	1500	20
20	451		3	.7	1.5	.3	1000				70	700	1.5			15	30	10
21	452		10	.7	1	.7	2000				100	700	1.5			20	20	30
22	453		5	1	1.5	.5	1500				70	700	1			20	100	15
23	454		10	2	3	1	1500	↓	↓	↓	50	300	L	↓	↓	20	100	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-95-E
REPORT NO. HAJ-1006

ANALYST JERRY MOTOCKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIH-433		N		L	30	L	-	-		30		200	-	-	200		30		150
3	434		N		10	150	100	-	-		30		500	-	-	500		20		150
4	435		N		L	50	N	-	-		20		300	-	-	300		30		150
5	436		N		N	30	N	-	-		10		1000	-	-	150		10		100
6	437		N		N	10	N	-	-		10		700	-	-	300		L		300
7	438		N		N	10	N	-	-		15		1500	-	-	200		10		70
8	439		30		10	15	N	-	-		30		1000	-	-	700		20		1000
9	440		N		L	10	N	-	-		7		1500	-	-	150		L		30
10	441		N		L	50	N	-	-		15		1000	-	-	200		10		150
11	442		N		N	50	N	-	-		20		1000	-	-	300		10		150
12	443		N		10	30	N	-	-		30		700	-	-	500		20		100
13	444		N		L	70	N	-	-		20		700	-	-	300		15		150
14	445		N		L	30	N	-	-		10		300	-	-	150		10		70
15	446		20		L	100	N	-	-		20		700	-	-	700		30		700
16	447		N		L	100	N	-	-		30		200	-	-	300		30		100
17	448		N		L	20	N	-	-		7		1000	-	-	150		N		20
18	449		N		L	500	N	-	-		30		200	-	-	200		20		150
19	450		N		N	300	N	-	-		20		700	-	-	500		10		150
20	451		20		10	7	L	-	-		20		150	-	-	150		20	V	200
21	452		20		10	7	10	-	-		30		100	-	-	300		50	L	200
22	453		L		L	30	10	-	-		30		150	-	-	150		20	L	150
23	454		L	V	L	30	L	-	-	V	30	V	1000	-	-	500	V	20	N	100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-96-E 6 Step D. C. Arc REQUESTED BY R. BOWENS DATE 7/21/64

REPORT NO. M m-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.7	1500	N	N	N	10	150	N	N	N	50	200	100
2	AJH.455	43A	10	2	1	G(1)	2000				20	200	L			30	500	30
3	456	44A	10	1.5	.7	1	1200				30	200	L			20	30	30
4	457	45A	7	1	.7	G(1)	700				70	200	L			20	50	20
5	458	46A	5	1.5	1	.7	5000				20	300	L			15	30	20
6	459	47A	10	1.5	1.5	1	1500				20	200	L			20	70	20
7	460	48A	7	1	1.5	.7	1500				20	300	L			30	100	30
8	461	49A	2	.3	.5	.2	300				30	300	15			7	30	15
9	462	50A	1.5	.2	.5	.15	150				L	300	L			5	10	5
10	463	51A	7	1	1	1	1000				30	300	L			20	100	20
11	464	52A	7	2	3	.7	1000				10	300	L			15	50	20
12	465	53A	10	1.5	.7	1	1500				15	150	L			20	200	30
13	466	54A	7	1.5	1.5	.7	2000				10	150	L			20	200	20
14	467	55A	7	1.5	1	.7	2000				10	200	L			30	300	20
15	468	56A	7	1.5	1.5	.7	1000				15	150	L			20	70	20
16	469	57A	3	1.5	1.5	.3	700				15	200	L			15	50	15
17	470	58A	5	1.5	2	.5	1500				L	300	L			30	70	15
18	471	59A	7	1	1.5	.5	1500				20	150	L			20	15	20
19	472	60A	2	.5	.7	.7	1500				30	150	L			15	20	20
20	473	61A	7	.7	1	.5	1000				10	200	L			10	20	20
21	474	62A	5	.7	1.5	.5	700				10	200	L			10	50	20
22	475	63A	7	1.5	1.5	.5	1500				20	300	L			20	50	20
23	476	64A	5	1.5	1.5	.5	1000	↓	↓	↓	15	300	L	↓	↓	10	7	20
24																		

TUCKER

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-96-E
REPORT NO. HM-1006 ANALYST JERRY MOTOOKA Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	4454	43A	N		L	50	L	-	-		30		200	-	-	300		30		100
3	4456	44A	L		L	10	15	-	-		30		150	-	-	200		30		150
4	4457	45A	L		L	15	10	-	-		20		100	-	-	150		20		150
5	4458	46A	L		L	10	10	-	-		20		200	-	-	150		20		150
6	4459	47A	L		L	15	L	-	-		20		300	-	-	200		20		100
7	4460	48A	L		L	20	15	-	-		20		300	-	-	200		20		100
8	4461	49A	20		L	10	15	-	-		10		100	-	-	70		15		150
9	4462	50A	L		N	7	L	-	-		L		100	-	-	50		L		100
10	4463	51A	20		N	30	10	-	-		20		150	-	-	200		20		150
11	4464	52A	N		L	30	10	-	-		15		500	-	-	200		15		150
12	4465	53A	N		N	50	L	-	-		30		100	-	-	300		15		100
13	4466	54A	N		N	50	L	-	-		20		300	-	-	200		15		70
14	4467	55A	N		N	70	L	-	-		30		300	-	-	200		20		100
15	4468	56A	N		N	10	L	-	-		20		200	-	-	200		15		100
16	4469	57A	N		N	7	10	-	-		15		200	-	-	150		15		150
17	4470	58A	N		N	10	10	-	-		15		300	-	-	200		10		70
18	4471	59A	N		N	5	10	-	-		20		200	-	-	200		20		100
19	4472	60A	N		N	7	L	-	-		20		150	-	-	200		20		70
20	4473	61A	N		N	7	10	-	-		20		200	-	-	150		30		150
21	4474	62A	N		L	7	10	-	-		20		200	-	-	200		30		150
22	4475	63A	N		L	10	10	-	-		20		200	-	-	200		20		150
23	4476	64A	N	"	N	5	15	-	-	"	15	"	200	-	-	100	"	20	"	100
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-105-E 6 Step D. C. Arc REQUESTED BY R Bowers DATE 7/31/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	3	7	.7	1500	N	N	N	10	100	N	N	N	50	200	100
2	AEH-477	65A	7	1	.7	.1	1000				15	150	L			10	10	15
3	478	66A	10	1	1	G(1)	2000				10	300	1			7	20	10
4	479	67A	5	1.5	.7	.5	1000				70	200	L			15	50	30
5	480	68A	5	1	.7	.7	1000				30	200	L			15	50	30
6	481	69A	7	1	.7	.7	1500				20	200	L			15	20	20
7	482	70A	7	1	.7	.7	1500				10	200	L			20	100	70
8	483	71A	7	.7	.7	.5	1000				20	300	1			10	30	20
9	484	72A	7	.5	.3	.7	500				50	200	1			10	20	20
10	485	73A	10	3	7	.7	1000	1			L	700	N			30	500	200
11	486	74	5	2	3	.5	700	N			30	500	L			15	150	30
12	487	75A	7	3	3	.5	700	N			10	300	N			20	100	30
13	488	76	5	1.5	5	.7	1000	N			15	200	L			10	200	30
14	489	77	5	2	3	.2	500	N			20	300	L			15	300	50
15	490	78	10	2	2	1	1500	N			20	300	L			30	700	30
16	491	79	7	1.5	1.5	1	1500	N			30	300	L			20	150	30
17	492	80	7	1	2	G(1)	1500	N			20	300	L			20	200	30
18	493	81	5	2	.7	.2	500	N			20	300	L			30	100	50
19	494	82	7	3	3	.2	1500	N			20	150	L			100	500	30
20	495	83	5	1.5	.7	.5	1000	N			20	150	L			30	500	20
21	496	84	5	1	2	.5	1000	N			30	200	L			15	70	30
22	497	85	5	1.5	.5	.2	700	N			50	500	L			10	150	30
23	498	86	5	1.5	.5	.2	700	N	↓	↓	70	500	L	↓	↓	15	300	30
24																		

TILLER

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-105-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	20	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	HM-477	65A	N		N	5	10	-	-		15		150	-	-	200		20		100
3	478	66A	L		15	7	15	-	-		30		300	-	-	150		30		100
4	479	67A	L		N	15	10	-	-		20		150	-	-	200		15		100
5	480	68A	N		N	20	15	-	-		20		150	-	-	200		15		100
6	481	69A	N		N	10	L	-	-		30		L	-	-	200		15		100
7	482	70A	N		N	30	10	-	-		30		150	-	-	200		20		70
8	483	71A	L		L	10	10	-	-		15		200	-	-	150		20		20
9	484	72A	L		N	7	10	-	-		20		100	-	-	150		30		150
10	485	73A	N		N	20	15	-	-		50		500	-	-	300		50		100
11	486	74	20		L	50	15	-	-		20		300	-	-	200		20		150
12	487	75A	N		N	150	10	-	-		15		500	-	-	200		15		100
13	488	76	N		L	50	10	-	-		10		700	-	-	200		15		150
14	489	77	N		L	70	L	-	-		20		200	-	-	200		20		100
15	490	78	N		L	70	L	-	-		30		200	-	-	500		20		100
16	491	79	L		L	30	10	-	-		30		150	-	-	200		30		150
17	492	80	L		10	50	10	-	-		20		300	-	-	200		15		150
18	493	81	N		10	1000	10	-	-		15		150	-	-	200		10		100
19	494	82	N		L	1500	L	-	-		20		500	-	-	200		15		100
20	495	83	N		N	70	L	-	-		20		100	-	-	200		20		100
21	496	84	N		10	20	L	-	-		15		500	-	-	200		10		100
22	497	85	20		L	50	10	-	-		15		200	-	-	150		15		150
23	498	86	20	✓	L	50	10	-	-	✓	15	✓	100	-	-	200	✓	20	✓	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-106-E 6 Step D. C. Arc REQUESTED BY R. Bowers DATE 7/31/68

REPORT NO. HM-1106 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	10	3	7	.7	1500	N	N	N	L	150	N	N	N	50	200	100
2	HM-499		7	1.5	1.5	1	1500				50	300	N			15	150	30
3	500	1	10	3	5	.5	1500				20	300	N			30	1500	50
4	501	2	10	3	5	.3	1500				10	700	N			30	700	100
5	502	3	10	3	5	.7	1500				10	500	N			30	1000	70
6	503	4	10	2	3	.7	2000				10	500	L			30	200	50
7	504	5	10	3	3	.7	2000				15	500	N			50	500	30
8	505	6	10	2	3	.5	2000				30	700	L			30	300	100
9	506	7	10	5	7	.7	1000				L	50	N			30	500	30
10	507	8	10	3	3	G(1)	1500				L	200	N			30	1000	50
11	508	9	10	5	7	G(1)	1500				10	100	N			50	500	50
12	509	10	7	1	1	1	1500				20	300	L			30	100	30
13	510	11	10	5	7	1	1000				L	50	N			50	700	50
14	511	12	10	5	7	1	1500				L	30	N			50	700	20
15	512	13	10	5	7	1	1500				L	70	N			50	500	30
16	513	14	10	3	5	1	1500				10	200	N			30	500	30
17	514	15	10	2	1.5	.7	1500				20	500	L			30	500	70
18	515	16	7	2	2	G(1)	1500				10	300	L			30	300	50
19	516	17	10	2	2	G(1)	1500				20	500	L			30	300	70
20	517	18	5	1.5	1.5	1	1500				L	300	L			30	200	70
21	518	19	10	2	2	G(1)	1500				L	500	N			30	700	100
22	519	20	10	3	5	G(1)	1500				10	500	N			50	700	70
23	520	21	7	2	3	G(1)	2000				10	500	N			30	300	70
24																		

TRAIL

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-106-C
REPORT NO. Hin-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	N	100	L	-	-	N	50	N	150	-	-	500	N	30	N	100
2	AEH-431		L		L	20	L	-	-		15		300	-	-	300		20	N	150
3	500	1	L		L	200	L	-	-		30		200	-	-	200		30	N	150
4	501	2	20		N	150	L	-	-		30		500	-	-	300		20	L	70
5	502	3	L		L	100	L	-	-		50		300	-	-	300		20	N	200
6	503	4	L		L	70	10	-	-		15		500	-	-	200		15		100
7	504	5	L		10	100	10	-	-		30		500	-	-	300		20		100
8	505	6	L		N	70	15	-	-		20		300	-	-	200		30		200
9	506	7	N		N	150	L	-	-		50		150	-	-	300		30		100
10	507	8	N		15	150	L	-	-		30		200	-	-	300		20		200
11	508	9	N		N	150	N	-	-		50		200	-	-	300		50		150
12	509	10	L		10	20	L	-	-		20		200	-	-	200		30		200
13	510	11	N		L	200	L	-	-		30		200	-	-	300		30		70
14	511	12	N		N	200	N	-	-		50		300	-	-	300		30		70
15	512	13	N		N	150	N	-	-		50		300	-	-	300		30		100
16	513	14	N		N	150	L	-	-		30		200	-	-	300		30		200
17	514	15	L		15	50	10	-	-		20		300	-	-	300		30		300
18	515	16	N		L	50	L	-	-		20		500	-	-	300		20		150
19	516	17	L		10	50	10	-	-		30		500	-	-	300		50		150
20	517	18	L		L	30	10	-	-		15		300	-	-	200		15		150
21	518	19	N		10	50	10	-	-		20		300	-	-	500		20		150
22	519	20	L		15	50	10	-	-		50		300	-	-	700		30		200
23	520	21	L	↓	10	50	L	-	-	↓	30	↓	300	-	-	300	↓	20	↓	150
24								-	-					-	-					

TEPHRA

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-107-E 6 Step D. C. Arc REQUESTED BY R. Bowles DATE 7/31/68

REPORT NO. HM-1006 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	///////	W-1	10	5	7	1	1500	N	N	N	10	150	N	N	N	50	300	100
2	HM-521	22	7	1.5	1.5	.7	1000				20	700	L			30	300	30
3	522	23	10	2	2	1	1000				20	700	L			30	300	30
4	523	24	2	.3	.3	.2	700				50	100	L			7	70	20
5	524	25	7	1.5	5	1	1500				20	700	N			15	50	30
6	525	26	10	1.5	3	G(1)	2000				10	700	N			20	150	30
7	526	27	10	1.5	5	G(1)	1500				20	700	N			20	150	50
8	527	28	7	1.5	5	G(1)	2000				15	500	N			30	200	50
9	528	30	10	.7	2	G(1)	3000				30	300	L			30	30	50
10	529	31	7	1.5	3	1	2000				30	300	N			20	50	30
11	530	32	15	1.5	1.5	G(1)	3000				10	300	N			20	200	30
12	531	33	10	1.5	3	G(1)	3000				20	500	N			20	150	30
13	532	34	7	1.5	3	1	1500				15	300	L			20	100	30
14	533	35	2	.3	.5	.5	500				15	500	L			7	150	20
15	534	36	5	1	.5	.7	700				30	300	L			10	100	50
16	535	37	7	1.5	3	.7	1500				30	500	L			20	70	30
17	536	38	10	1.5	2	1	1500				20	300	N			20	150	30
18	537	39	7	1.5	3	.7	2000				30	500	L			30	200	50
19	538	40	7	1.5	3	.7	1500				30	300	L			20	150	50
20	539	41	7	1.5	3	1	2000				30	300	L			20	70	30
21	540	42	7	1.5	2	.7	1500				20	500	N			15	70	30
22	541	43	7	1.5	2	1	1500				30	500	N			20	100	50
23	542	44	5	.5	1	.5	1500	↓	↓	↓	30	500	L	↓	↓	10	50	30
24																		

TRAIL

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-117-E
REPORT NO. HM1-1016

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	W-1	N	N	L	100	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	HM-521	22	L		15	50	10	-	-		15		300	-	-	200		15		150
3	522	23	L		L	50	10	-	-		20		300	-	-	300		20		100
4	523	24	L		L	20	10	-	-		7		200	-	-	100		10		30
5	524	25	L		L	15	15	-	-		20		500	-	-	200		30		100
6	525	26	L		10	15	L	-	-		30		500	-	-	500		20		150
7	526	27	N		10	20	20	-	-		30		500	-	-	500		30		200
8	527	28	N		L	20	20	-	-		20		500	-	-	300		20		150
9	528	30	30		L	10	10	-	-		30		300	-	-	300		30		150
10	529	31	L		L	10	L	-	-		20		300	-	-	300		30		100
11	530	32	N		N	30	10	-	-		30		150	-	-	1000		20		100
12	531	33	L		N	15	10	-	-		30		200	-	-	500		50		150
13	532	34	L		L	20	10	-	-		20		200	-	-	300		30		100
14	533	35	L		L	15	L	-	-		7		100	-	-	100		20		70
15	534	36	L		L	15	10	-	-		15		L	-	-	150		30		200
16	535	37	L		L	15	10	-	-		20		200	-	-	200		20		150
17	536	38	L		L	15	10	-	-		30		200	-	-	100		30		150
18	537	39	L		L	50	L	-	-		20		300	-	-	300		30		150
19	538	40	L		L	50	L	-	-		20		300	-	-	200		30		150
20	539	41	N		L	20	L	-	-		30		300	-	-	500		30		100
21	540	42	L		L	15	10	-	-		20		150	-	-	200		20		100
22	541	43	N		L	20	10	-	-		30		200	-	-	300		30		200
23	542	44	20		L	15	15	-	-		10		150	-	-	150		20		100
24								-	-					-	-					

T104

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-108-E 6 Step D. C. Arc REQUESTED BY R. Boales DATE 8/1/68

REPORT NO. 4111-1016 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	AJ-1	15	5	7	1	1500	N	N	N	10	200	N	N	N	50	300	150
2	AEM-543		5	.5	2	.7	1000				20	1500	L			5	30	15
3	544		10	1.5	2	1	2000				30	1000	1			50	200	70
4	545		7	.7	3	.7	1500				30	1500	L			7	300	50
5	546		10	1.5	.7	1	1500				50	700	L			50	200	70
6	547		7	.7	.7	1	1500				30	500	L			10	70	70
7	548		7	2	1	1	2000				30	500	L			30	300	70
8	549		7	1	.7	1	1500				30	500	L			20	100	50
9	550		10	1.5	3	1	2000				10	500	N			30	100	50
10	551		7	.7	1	1	1500				30	700	L			10	100	30
11	552		10	1.5	1	1	3000				20	500	L			50	150	70
12	553		10	1.5	.7	G(1)	2000				20	500	L			30	200	30
13	554		10	1.5	1	G(1)	2000				20	500	L			20	100	50
14	555	TRAIL	10	1.5	3	G(1)	3000				30	700	L			30	150	50
15	556		7	1.5	3	1	3000				30	700	L			30	50	70
16	557		10	1.5	3	G(1)	300				30	700	N			20	150	50
17	558		.7	.7	2	1	300				30	1000	1			20	70	70
18	559		10	1.5	3	.7	1500				50	700	L			20	70	50
19	560		7	1	1	.7	1500				30	500	1			20	70	30
20	561		7	1	2	1	3000				30	700	L			30	70	70
21	562		10	1.5	.7	1	1500				30	300	N			15	150	70
22	563		5	1.5	1	1	1000				30	500	L			10	100	70
23	564		7	1.5	1	.7	1500	↓	↓	↓	30	700	L	↓	↓	15	100	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-108-5
REPORT NO. HM-1016

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111	W-1	N	N	L	100	L	-	-	N	50	N	150	-	-	500	N	30	N	150
2	REH-543		20		10	5	10	-	-		10		200	-	-	70		50		100
3	544		N		L	50	15	-	-		20		150	-	-	300		20		100
4	545		20		L	10	20	-	-		15		300	-	-	150		30		200
5	546		20		L	50	10	-	-		30		100	-	-	300		50		200
6	547		N		L	15	15	-	-		15		100	-	-	200		30		200
7	548		N		L	50	L	-	-		30		100	-	-	300		20		150
8	549		L		L	15	10	-	-		30		150	-	-	200		20		150
9	550		N		L	15	L	-	-		30		500	-	-	500		30		100
10	551		N		10	15	10	-	-		20		150	-	-	300		30		200
11	552		N		L	15	10	-	-		30		150	-	-	500		30		150
12	553		N		L	50	L	-	-		30		150	-	-	500		30		200
13	554		N		10	10	20	-	-		30		150	-	-	300		50		200
14	555		N		10	15	20	-	-		50		300	-	-	500		30		150
15	556		N		L	15	20	-	-		20		300	-	-	200		30		150
16	557	TRAIL	N		10	15	15	-	-		30		300	-	-	500		30		150
17	558		20		L	15	20	-	-		15		200	-	-	200		30		150
18	559		L		N	15	20	-	-		20		200	-	-	300		30		150
19	560		L		N	20	10	-	-		20		100	-	-	200		30		150
20	561		L		L	15	15	-	-		30		150	-	-	300		50		150
21	562		N		L	30	10	-	-		30		100	-	-	500		15		100
22	563		N		L	15	10	-	-		20		150	-	-	300		15		150
23	564		N	↓	L	15	20	-	-	↓	20	↓	150	-	-	300	↓	20	↓	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference. L=Detected, but below limit of determination, or below value shown.
- = Not looked for. *=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-109-12 6 Step D. C. Arc REQUESTED BY R. Bowen ✓ DATE 8/6/68

REPORT NO. HM-1446 SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	1111111	W-1	15	5	7	1	1500	1.5	N	N	10	200	N	N	N	50	300	150
2	HM-565		10	3	5	.7	1500	N			70	1500	L			30	200	100
3	566		10	2	3	.5	1000				30	1500	L			15	200	70
4	567		15	3	7	1	3000				70	1500	L			50	200	100
5	568		10	2	5	.7	2000				30	1000	L			20	200	70
6	569		15	3	7	G(1)	3000				10	150	N			30	300	70
7	570		10	2	.7	1	700				70	500	2			20	300	70
8	571		15	3	7	G(1)	2000				20	100	N			50	1500	100
9	572		15	3	7	G(1)	1500				20	150	N			50	1000	70
10	573		15	3	7	G(1)	3000				10	150	N			50	5000	70
11	574		15	3	5	G(1)	2000				20	200	N			30	300	70
12	575		15	3	5	G(1)	1500				20	150	N			30	700	50
13	576		15	3	5	G(1)	1500				50	300	N			30	1000	70
14	577		10	3	5	.7	1000				50	200	N			20	300	30
15	578		10	3	5	1	1500				30	200	N			30	700	70
16	579		7	2	1	.5	1500				50	500	L			20	500	70
17	580		10	3	5	.7	1500				20	200	L			50	1000	70
18	581		10	3	5	1	2000				15	150	L			30	700	100
19	582		10	3	3	.7	2000				50	300	L			50	2000	150
20	583		10	5	5	.5	2000				15	100	L			50	1500	300
21	584		15	3	5	G(1)	3000				20	200	N			50	500	150
22	585		15	3	5	1	2000	✓			10	150	N			50	700	100
23	586		10	2	2	1	2000	L	✓	✓	50	100	L	✓	✓	30	1500	100
24																		

WINTER

REMARKS: Fe, Mg, Ca, and Ti reported in %, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-109-E
REPORT NO. HW1-1046

ANALYST J. MOTOOKA

Sheet #2

	TAG No.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	1111	UJ-1	N	N	L	100	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	~~564~~ 565		20	(	L	50	10	-	-	(	30	(	700	-	-	700	(	30	(	100
3	566		20		L	50	10	-	-		30		700	-	-	500		20		150
4	567		N		L	50	15	-	-		50		700	-	-	700		30		150
5	568		L		N	50	L	-	-		30		700	-	-	500		15		100
6	569		N		N	70	N	-	-		50		200	-	-	700		50		200
7	570		N		L	100	20	-	-		30		100	-	-	200		20		200
8	571		N		N	200	N	-	-		50		150	-	-	700		20		70
9	572		N		N	200	N	-	-		50		150	-	-	500		20		100
10	573		N		N	200	N	-	-		30		150	-	-	700		30		150
11	574		N		N	70	N	-	-		30		200	-	-	500		30		150
12	575		N		L	150	N	-	-		30		100	-	-	500		30		200
13	576		N		N	300	L	-	-		30		200	-	-	500		30		200
14	577	WIMMER	N		L	100	L	-	-		30		150	-	-	300		30		300
15	578		N		L	200	L	-	-		30		200	-	-	500		30		300
16	579		L		L	150	L	-	-		15		100	-	-	150		15		150
17	580		N		L	300	L	-	-		30		100	-	-	300		30		200
18	581		L		L	300	L	-	-		30		100	-	-	200		50		150
19	582		L		L	500	L	-	-		30		100	-	-	300		30		150
20	583		N		L	300	L	-	-		20		100	-	-	200		15		50
21	584		N		L	150	L	-	-		50		100	-	-	500		30		50
22	585		N		L	150	L	-	-		50		100	-	-	500		30	V	70
23	586		N	V	L	300	20	-	-	V	26	V	150	-	-	300	V	20	L	500
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference.
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*=Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-110-E
REPORT NO HNT-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 9/18/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	NH	10	3	7	1	1500	N	N	N	L	150	N	N	N	50	300	100
2	ATH-587		7	2	1.5	.7	1500				30	300	L			30	5000	30
3	588		7	3	1.5	.5	1500				15	150	N			70	G(5000)	70
4	589		7	3	1.5	.5	1500				10	100	N			70	G(5000)	30
5	590		5	3	1	.5	1500				10	100	N			50	2000	20
6	591		5	3	1.5	1	1500				15	150	N			30	1500	50
7	592		3	2	1	.7	1000				10	150	N			20	1500	30
8	593		3	2	.7	.5	700				70	300	L			20	500	70
9	594		2	1.5	.7	.5	1000				30	300	L			15	1000	30
10	595		3	2	.3	.3	700				20	200	L			30	500	70
11	596		2	1	.7	.15	700				20	500	L			10	50	10
12	597		3	2	3	.2	1000				15	500	L			15	150	20
13	598		3	2	2	.2	1000				15	500	L			15	150	20
14	599		3	1.5	.7	.2	1500				30	500	L			15	200	70
15	600		3	1.5	.7	.3	1000				30	500	L			15	300	70
16	601		3	1.5	.7	.2	1000				20	500	L			15	100	70
17	602		5	3	3	.5	1500				30	300	L			20	500	50
18	603		3	2	2	.2	1000				20	300	L			20	300	20
19	604		3	1.5	1.5	.15	500	↓			10	700	L			15	100	50
20	605		3	1.5	1.5	.15	500	.5			15	700	L			15	100	70
21	606		3	2	1.5	.5	1000	N			50	500	L			20	700	70
22	607		3	1.5	1	.2	500	N			15	1500	L			15	100	50
23	608		3	1.5	1	.3	500	N	↓	↓	10	1500	L	↓	↓	15	70	50
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-110-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	L	70	10	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIH-587		N		L	300	L	-	-		30		100	-	-	200		20	N	150
3	588		N		N	500	N	-	-		20		L	-	-	300		20	L	50
4	589		N		L	700	N	-	-		20		L	-	-	300		20	L	70
5	590		N		N	700	N	-	-		20		L	-	-	150		20	N	50
6	591		N		N	200	N	-	-		30		150	-	-	300		30	N	100
7	592		N		L	200	N	-	-		20		100	-	-	200		20	N	100
8	593		20		10	100	10	-	-		20		100	-	-	200		15	N	150
9	594		20		L	70	10	-	-		15		200	-	-	150		10	N	150
10	595		L		10	150	10	-	-		20		100	-	-	200		15	N	70
11	596		N		L	20	10	-	-		15		150	-	-	150		10	N	150
12	597		N		10	30	10	-	-		30		200	-	-	200		30	N	200
13	598		N		10	30	10	-	-		20		150	-	-	150		30	N	150
14	599		20		L	30	L	-	-		15		150	-	-	200		20	N	100
15	600		L		L	30	L	-	-		15		150	-	-	200		20	N	150
16	601		20		L	50	10	-	-		15		150	-	-	150		20	N	200
17	602		L		L	70	L	-	-		30		200	-	-	200		30	N	200
18	603		L		L	50	L	-	-		20		200	-	-	150		20	N	100
19	604		30		L	20	10	-	-		15		700	-	-	200		20	N	150
20	605		30		L	20	10	-	-		15		700	-	-	300		20	N	150
21	606		20		L	100	L	-	-		20		200	-	-	200		30	N	150
22	607		30		L	20	10	-	-		10		700	-	-	200		15	N	200
23	608		30		L	20	20	-	-		15		700	-	-	200		15	N	150
24								-	-					-	-					

WINNER QUAD

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
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L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-111-E
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 9/18/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	7	3	7	.7	1000	N	N	N	L	150	N	N	N	30	200	70
2	AIH-609		5	2	2	.3	1000	N			10	700	L			20	200	70
3	610		3	2	1.5	.2	700	N			10	700	L			15	200	50
4	611		3	2	1.5	.2	500	N			10	700	L			15	150	30
5	612		5	2	3	.2	700	.5			15	700	L			20	300	50
6	613		3	2	1.5	.2	1000	N			20	300	L			30	3000	30
7	614		2	2	2	.2	700	N			20	300	L			20	300	20
8	615		5	2	2	.7	1000	N			L	50	N			30	300	70
9	616		5	2	2	.3	1500	N			L	50	N			30	300	50
10	617		3	2	2	.5	1500	N			L	50	N			50	300	30
11	618		5	3	3	.7	1000	N			10	70	N			30	300	100
12	619		2	1.5	2	.2	700	N			10	200	N			15	150	15
13	620		3	1.5	2	.7	1500	N			10	200	N			15	150	10
14	621		1.5	1	1.5	.15	700	N			L	200	L			10	100	10
15	622		2	1	1.5	.15	700	N			10	300	L			10	70	20
16	623		2	.5	1.5	.2	700	N			10	200	L			5	200	20
17	624		1.5	.3	1	.15	300	N			L	300	N			5	10	20
18	625		2	.5	1.5	.2	500	N			L	150	N			5	30	20
19	626		2	.7	1.5	.5	700	N			10	150	N			7	30	30
20	627		3	2	.5	.15	500	N			10	150	L			30	3000	30
21	628		3	2	1.5	.5	700	N			L	200	N			20	1500	15
22	629		3	2	1	.2	700	N			10	300	N			20	1000	20
23	630		2	.7	.7	.2	300	N			10	300	L			10	150	20
24																		

WINNER

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-111-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	WF-1	N	N	N	70	L	-	-	N	30	N	150	-	-	300	N	20	N	100
2	AIH-609		20	|	L	70	10	-	-	|	20	|	500	-	-	300	|	20	|	100
3	610		20	|	L	50	10	-	-	|	20	|	500	-	-	300	|	20	|	100
4	611		20	|	L	50	L	-	-	|	20	|	700	-	-	300	|	20	|	100
5	612		L	|	L	70	L	-	-	|	20	|	500	-	-	200	|	30	|	100
6	613		N	|	L	300	10	-	-	|	15	|	150	-	-	150	|	15	|	100
7	614		N	|	N	100	L	-	-	|	20	|	200	-	-	150	|	20	|	100
8	615		N	|	L	50	N	-	-	|	30	|	150	-	-	300	|	30	|	100
9	616		N	|	L	50	N	-	-	|	30	|	150	-	-	200	|	30	|	70
10	617		N	|	L	50	N	-	-	|	30	|	150	-	-	200	|	30	|	70
11	618		N	|	L	70	N	-	-	|	30	|	200	-	-	200	|	30	|	100
12	619		N	|	L	50	N	-	-	|	15	|	500	-	-	150	|	15	|	100
13	620		N	|	L	50	10	-	-	|	15	|	500	-	-	200	|	20	|	150
14	621		N	|	L	30	L	-	-	|	7	|	500	-	-	100	|	10	|	50
15	622		N	|	L	20	L	-	-	|	10	|	500	-	-	100	|	10	|	70
16	623		N	|	L	15	L	-	-	|	10	|	700	-	-	100	|	15	|	100
17	624		N	|	L	5	L	-	-	|	5	|	700	-	-	100	|	L	|	100
18	625		N	|	L	15	L	-	-	|	7	|	700	-	-	100	|	10	|	100
19	626		N	|	L	15	10	-	-	|	10	|	700	-	-	150	|	10	↓	150
20	627		N	|	L	500	L	-	-	|	15	|	200	-	-	100	|	15	L	30
21	628		N	|	L	150	L	-	-	|	15	|	500	-	-	150	|	15	N	100
22	629		N	|	L	150	L	-	-	|	15	|	500	-	-	150	|	15	N	50
23	630		N	↓	10	50	L	-	-	↓	10	↓	300	-	-	100	↓	15	N	150
24								-	-					-	-					

WINNER

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

ILM NO. 2-122-E
EPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 9/19/68

SHEET #1

TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
111111	W-1	10	3	7	.7	1500	N	N	N	10	150	N	N	N	50	200	100
AH-631		2	.7	.7	.2	200				10	150	L			7	200	15
632		2	.7	.7	.2	500				10	150	L			7	200	15
633		3	2	3	.3	700				10	150	N			15	300	20
634		2	2	3	.2	700				L	150	L			15	200	20
635		5	3	3	.5	1000				15	150	N			20	300	20
636		3	1.5	.7	.3	700				30	700	L			15	1000	30
637		3	2	.7	.2	700				20	200	L			20	1500	50
638		5	3	2	.15	1000				L	50	N			30	Ag(5000)	30
639		7	5	1	.3	1000				10	30	N			70	3000	20
640		5	3	.5	.3	500				50	300	L			20	1500	50
641		3	1.5	.3	.3	500				50	500	L			15	200	50
642		3	2	.2	.2	300				70	700	L			15	300	50
643		3	2	.2	.3	500				50	300	L			15	500	70
644		3	2	.15	.3	500				70	500	L			15	300	30
645		3	2	.2	.5	500				70	700	L			15	300	50
646		5	2	.15	.5	300				70	500	L			20	500	50
647		5	3	.5	.3	500				50	300	L			30	2000	50
648		3	1.5	.15	.3	700				70	500	L			15	500	50
649		5	5	.7	.2	700				50	150	N			50	3000	30
650		5	3	.3	.3	700				70	300	L			50	1000	70
651		7	5	.3	.2	700				50	200	N			50	1500	50
652		5	1.5	.2	.3	700				50	300	L			15	300	50

WINNER BUTTE COPPER

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-122-IE
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	11111	20-1	N	N	N	70	L	-	-	N	30	N	150	-	-	300	N	20	N	100
2	AIH-631		N		N	50	L	-	-		10		200	-	-	100		L	N	150
3	632		N		N	50	L	-	-		10		300	-	-	100		L	N	150
4	633		N		10	70	N	-	-		20		300	-	-	200		20	N	50
5	634		N		10	50	N	-	-		15		300	-	-	150		15	N	70
6	635		N		L	100	N	-	-		30		150	-	-	300		30	N	100
7	636		N		L	70	10	-	-		15		150	-	-	150		20	N	150
8	637		N		L	300	L	-	-		20		L	-	-	150		15	N	70
9	638		N		L	300	N	-	-		30		L	-	-	300		10	L	30
10	639		N		L	1000	N	-	-		15		L	-	-	200		20	N	70
11	640		20		L	200	15	-	-		15		L	-	-	200		20	N	150
12	641		20		L	50	10	-	-		15		L	-	-	200		20	N	150
13	642		L		L	50	10	-	-		15		L	-	-	150		20	N	100
14	643		L		L	100	15	-	-		15		L	-	-	200		20	N	100
15	644		L		L	70	10	-	-		15		L	-	-	150		15	N	100
16	645		L.		L	70	15	-	-		15		L	-	-	150		15	N	300
17	646		20		L	200	10	-	-		15		L	-	-	200		30	L	150
18	647		N		L	300	L	-	-		15		L	-	-	200		15	L	70
19	648		20		L	70	L	-	-		15		L	-	-	200		30	N	200
20	649		N		L	500	N	-	-		10		L	-	-	200		10	N	30
21	650		N		L	500	10	-	-		15		L	-	-	200		20	N	100
22	651		N		L	500	10	-	-		10		L	-	-	200		15	N	70
23	652		N	↓	L	70	10	-	-	↓	10	↓	L	-	-	150	↓	15	N	100
24								-	-					-	-					

WINNER ↑ ↓ OCCIDENTAL BUTTE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-112-E — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 7/19/68

REPORT NO HM-1006 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	M-1	10	3	7	.7	1000	N	N	N	L	150	N	N	N	50	200	100
2	AIH-653	113	7	2	.3	.5	500				50	500	L			30	700	70
3	654	114	5	3	.3	.2	500				30	200	L			30	3000	30
4	655	115	7	2	.2	.7	500				100	500	1			30	500	70
5	656	116	5	3	.3	.2	700				50	500	L			30	1000	50
6	657	117	7	2	.2	.3	500				70	500	L			20	700	70
7	658	118	7	3	.3	.3	500				70	500	L			20	700	50
8	659	119	5	3	.2	.15	300				20	150	N			30	1500	20
9	660	120	3	5	.2	.01	300				10	N	N			50	1500	15
10	661	121	5	3	.2	.7	500				70	500	L			20	700	50
11	662	122	5	5	.3	.15	700				20	150	L			30	1500	20
12	663	123	5	3	.2	.5	700				70	700	L			30	1000	50
13	664	124	5	5	.2	.03	500				15	20	N			30	2000	10
14	665	125	3	5	.2	.15	700				20	150	N			30	1500	30
15	666	126	7	3	.2	.1	500				20	150	N			30	5000	30
16	667	127	5	2	.15	.2	500				50	500	L			20	1500	50
17	668	128	5	2	.15	.3	700				50	700	L			20	500	50
18	669	129	5	3	.2	.3	700				70	700	L			20	500	50
19	670	130	5	2	.2	.3	700				70	700	L			20	300	70
20	671	131	5	2	.15	.5	700				70	700	L			20	300	100
21	672	132	5	2	.3	.5	700				70	700	L			20	1000	70
22	673	133	5	2	.2	.3	700				70	700	L			20	1500	70
23	674	134	5	2	.2	.3	700	↓	↓	↓	70	700	L	↓	↓	20	300	70
24																		

BUTTE COLLIER

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-112-E
REPORT NO. HM-1006

ANALYST J. MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	L	70	L	-	-	N	30	N	200	-	-	300	N	30	N	100
2	AIH-653	113	L		L	200	15	-	-		15		N	-	-	200		20	N	150
3	654	114	L		L	300	L	-	-		15		N	-	-	150		10	N	50
4	655	115	20		10	150	15	-	-		20		L	-	-	300		30	N	200
5	656	116	20		L	300	15	-	-		15		150	-	-	200		20	N	150
6	657	117	L		10	150	15	-	-		15		N	-	-	300		20	L	100
7	658	118	20		L	200	15	-	-		15		L	-	-	200		20	N	150
8	659	119	N		L	300	L	-	-		10		N	-	-	150		10	N	30
9	660	120	N		L	1000	N	-	-		7		N	-	-	50		N	N	N
10	661	121	20		10	100	20	-	-		15		L	-	-	200		30	N	200
11	662	122	L		L	1000	L	-	-		10		N	-	-	150		15	N	100
12	663	123	20		10	200	15	-	-		20		L	-	-	300		30	L	150
13	664	124	N		L	1000	N	-	-		7		N	-	-	70		L	N	N
14	665	125	N		L	1000	L	-	-		10		L	-	-	100		10	N	30
15	666	126	N		L	700	L	-	-		7		N	-	-	150		L	N	30
16	667	127	N		10	150	15	-	-		15		L	-	-	200		20	N	100
17	668	128	20		10	100	15	-	-		15		100	-	-	200		30	N	150
18	669	129	20		10	200	10	-	-		15		100	-	-	200		20	L	150
19	670	130	20		10	100	20	-	-		15		100	-	-	300		30	L	150
20	671	131	20		L	100	20	-	-		20		100	-	-	300		20	N	150
21	672	132	L		10	150	20	-	-		20		100	-	-	200		30	N	150
22	673	133	20		L	150	15	-	-		20		100	-	-	300		30	L	150
23	674	134	L	↓	10	100	20	-	-	↓	15	↓	100	-	-	200	↓	20	N	150
24								-	-					-	-					

BUTTE COPPER

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-49 F — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 10/22/48

REPORT NO HM-1006 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	15	5	10	.7	1500	N	N	N	20	200	N	N	N	50	200	150
2	AIH-675	135	10	3	.7	.3	1000				100	1000	L			30	700	100
3	676	136	10	10	.7	.15	1000				50	150	N			100	5000	20
4	677	137	10	5	5	.7	1500				70	300	N			70	1000	200
5	678	138	10	10	1	3	1500				100	1000	L			70	1500	70
6	679	89	10	5	7	1	2000				15	150	N			50	1500	70
7	680	90	15	10	10	1	3000				20	100	N			100	G(5000)	100
8	681	91	15	5	5	1	2000				30	300	L			70	3000	70
9	682	92	10	7	1.5	.3	1500				30	300	L			70	G(5000)	50
10	683	93	15	G(10)	1.5	.2	2000				20	50	N			200	G(5000)	70
11	624	94	15	G(10)	.7	.15	2000				15	30	N			200	G(5000)	30
12	685	95	15	G(10)	1	.15	1500				50	30	N			200	G(5000)	20
13	686	96	15	10	1.5	.2	1500				30	50	N			150	G(5000)	30
14	687	97	15	10	1	.2	2000				20	50	N			200	G(5000)	30
15	688	98	15	10	1.5	.2	1000				20	30	N			150	G(5000)	30
16	689	51	10	5	2	.3	1000				70	500	L			50	1500	50
17	690	52	15	7	5	.7	1500				70	300	N			70	G(5000)	70
18	691	53	10	3	1.5	.5	1000				70	1000	L			50	700	150
19	692	54	10	3	1	.7	1000				70	1000	L			50	700	150
20	693	55	10	3	1.5	.5	1500				70	1000	L			70	500	150
21	694	56	7	2	.3	.5	700				100	1000	L			50	1000	50
22	695	57	10	3	.5	.5	500				70	1500	L			50	3000	100
23	696	58	10	7	7	.3	1000	↓	↓	↓	50	300	N	↓	↓	70	5000	100
24																		

(HETCO PSDA) (AG USGS)

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-, 9F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIH-675	135	20	/	N	150	20	-	-	/	30	/	100	-	-	300	/	20	N	150
3	676	136 COLLED SURFACE	N	/	N	2000	N	-	-	/	15	/	N	-	-	100	/	N	N	50
4	677	137	N	/	N	100	N	-	-	/	50	/	300	-	-	700	/	30	N	70
5	678	138	N	/	N	1000	20	-	-	/	30	/	150	-	-	200	/	20	N	150
6	679	89 ↑	N	/	N	200	N	-	-	/	50	/	200	-	-	500	/	30	N	70
7	680	90	N	/	N	2000	N	-	-	/	70	/	200	-	-	700	/	50	N	70
8	681	91	N	/	N	1000	10	-	-	/	50	/	300	-	-	500	/	70	N	500
9	682	92	N	/	N	2000	N	-	-	/	20	/	150	-	-	200	/	30	N	150
10	683	93 CHETCO PEAK	N	/	N	G(5000)	N	-	-	/	30	/	N	-	-	200	/	30	N	30
11	684	94	N	/	N	G(5000)	N	-	-	/	30	/	N	-	-	200	/	N	N	20
12	685	95	N	/	N	5000	N	-	-	/	30	/	N	-	-	150	/	L	N	30
13	686	96	N	/	N	3000	N	-	-	/	15	/	N	-	-	300	/	N	L	20
14	687	97	N	/	N	G(5000)	N	-	-	/	30	/	N	-	-	300	/	L	N	30
15	688	98 ↓	N	/	N	3000	N	-	-	/	20	/	N	-	-	300	/	N	N	20
16	689	51	N	/	N	200	L	-	-	/	30	/	150	-	-	200	/	20	N	100
17	690	52	N	/	N	500	N	-	-	/	30	/	150	-	-	700	/	20	N	150
18	691	53	20	/	10	100	15	-	-	/	30	/	200	-	-	300	/	30	N	150
19	692	54	20	/	10	100	15	-	-	/	20	/	150	-	-	500	/	50	N	200
20	693	55	20	/	10	100	20	-	-	/	50	/	200	-	-	300	/	70	N	150
21	694	56	20	/	10	150	10	-	-	/	20	/	100	-	-	200	/	30	N	200
22	695	57	N	/	10	150	20	-	-	/	20	/	100	-	-	300	/	30	N	150
23	696	58	N	↓	L	300	N	-	-	↓	20	↓	300	-	-	300	↓	15	N	50
24								-	-					-	-					

AGATE

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-50F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/23/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIH-697	59	10	10	7	.3	1500				70	70	N			70	1500	150
3	698	60	10	7	5	.3	1500				100	500	L			70	1500	100
4	699	61	10	3	3	.5	1500				70	1000	L			30	300	150
5	700	62	10	5	1.5	.3	1500				100	700	L			30	700	150
6	701	63	10	10	1.5	.3	1500				100	300	L			100	3000	70
7	702	64	15	5	.5	.7	1500				150	1000	L			30	500	100
8	703	65	15	5	.5	.7	1500				150	1000	1			30	500	150
9	704	66	15	10	1.5	.3	1500				100	1500	N			100	2000	70
10	705	67	10	5	1	.5	1000				100	1000	L			30	700	100
11	706	68	10	5	.7	.3	1000				70	500	L			30	700	70
12	707	69	10	5	.3	.7	1500				150	1000	1			30	300	100
13	708	103	15	7	1	.7	1500				100	710	N			70	1000	100
14	709	70	15	3	.2	.7	1500				150	1000	1			30	500	70
15	710	71	15	7	.5	1	1500				100	1000	L			50	1500	100
16	711	72	10	5	.5	.3	1500				70	700	L			50	1500	50
17	712	73	15	5	.2	.7	1500				150	1000	1			50	700	100
18	713	74	15	5	.5	1	1500				150	1000	1			50	700	150
19	714	75	15	5	.3	.5	1500				150	700	L			50	700	100
20	715	76	10	5	1.5	.5	1500				100	1000	L			30	500	100
21	716	77	15	10	.7	.2	1500				70	300	L			100	(>5000)	30
22	717	78	15	10	1.5	.3	1500				30	300	N			70	(>5000)	30
23	718	79	15	3	.3	.5	500				100	1500	L			20	500	70
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-50 F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	L	70	L	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIH-697	59	N	N	L	500	N	-	-		30		200	-	-	300		15		50
3	698	60	N	N	L	500	L	-	-		30		150	-	-	200		20		100
4	699	61	30	N	L	70	10	-	-		30		300	-	-	300		20		100
5	700	62	20	N	10	150	15	-	-		30		200	-	-	300		30		150
6	701	63	N	N	N	2000	N	-	-		20		100	-	-	200		15		70
7	702	64	20	N	10	150	20	-	-		30		N	-	-	500		30		300
8	703	65	50	N	15	100	30	-	-		30		N	-	-	500		70		700
9	704	66	N	N	L	2000	10	-	-		30		100	-	-	300		20		150
10	705	67	N	N	10	70	10	-	-		30		100	-	-	300		30		200
11	706	68	N	N	L	100	10	-	-		20		N	-	-	200		15		150
12	707	69	N	N	10	100	50	-	-		30		L	-	-	300		70		200
13	708	103	N	N	10	300	20	-	-		30		N	-	-	500		30		150
14	709	70	20	5	10	150	30	-	-		30		100	-	-	500		50		200
15	710	71	20	N	10	200	20	-	-		30		L	-	-	500		70		200
16	711	72	20	L	N	300	10	-	-		20		N	-	-	300		20		100
17	712	73	20	L	10	100	30	-	-		30		N	-	-	500		50		150
18	713	74	20	N	10	150	30	-	-		30		N	-	-	500		70		300
19	714	75	L	5	10	150	15	-	-		30		N	-	-	500		30		200
20	715	76	20	N	L	100	30	-	-		30		200	-	-	300		30		150
21	716	77	N	L	N	200	10	-	-		15		100	-	-	200		15		50
22	717	78	N	N	N	2000	N	-	-		20		100	-	-	200		10		100
23	718	79	20	N	15	100	10	-	-		30		100	-	-	300		30		200
24								-	-					-	-					

AGNES

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-51 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/23/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	KI-1	10	5	10	.7	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIH-719	80	3	2	.3	.3	300	1			70	1500	L			20	200	30
3	720	81	5	5	.3	.3	500	.5			70	1000	L			30	1500	30
4	721	82	3	3	.3	.3	300	.7			70	1000	L			20	700	30
5	722	83	7	3	.5	.3	1000	.5			70	1500	L			30	1500	50
6	723	84	5	2	.5	.5	1000	.7			100	1500	1			20	300	50
7	724	85	7	2	.5	.3	1000	.5			100	1500	1			20	300	50
8	725	86	3	2	.7	.3	500	.5			70	1000	L			20	300	50
9	726	87	10	5	2	.3	1000	L			70	1000	L			50	2000	70
10	727	88	7	2	1.5	.5	1500	L			100	1500	1			30	700	70
11	728	89	5	1.5	.2	.3	500	L			50	500	L			20	700	30
12	729	90	5	1.5	.3	.3	700	N			50	700	L			30	500	50
13	730	91	10	2	.7	.7	1500	.7			100	1000	1			50	300	150
14	731	92	5	2	.3	.3	500	.5			100	1500	1			20	150	50
15	732	93	5	2	.3	.3	500	L			70	500	L			20	150	50
16	733	94	7	2	.3	.5	700	N			70	500	L			20	200	50
17	734	95	15	10	.7	.5	1000	L			70	700	L			100	3000	70
18	735	96	10	7	.7	.5	1500	L			70	1000	L			50	2000	70
19	736	97	15	10	.7	.5	1500	L			150	1000	L			70	2000	100
20	737	98	10	5	.3	.3	1000	N			100	1000	L			30	1000	100
21	738	56	7	1.5	1	.3	1000	N			30	1500	L			20	700	20
22	739	57	7	1.5	1	.3	700	N			30	1000	L			30	1000	20
23	740	58	10	2	1.5	.3	1500	N			30	1000	L			50	700	30
24																		

AG LOESS

POWERS

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-51 F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Ta	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	300	N	30	N	100
2	AIH-719	80	N		L	70	N	-	-		20		100	-	-	200		50	N	100
3	720	81	N		L	100	N	-	-		20		100	-	-	200		10	N	200
4	721	82	N		L	70	N	-	-		20		100	-	-	200		20	N	200
5	722	83	N		10	150	L	-	-		20		150	-	-	200		30	L	150
6	723	84	20		10	100	N	-	-		30		150	-	-	200		30	L	200
7	724	85	L		10	100	N	-	-		20		150	-	-	200		20	L	150
8	725	86	N		L	70	N	-	-		20		150	-	-	200		10	L	100
9	726	87	N		L	300	N	-	-		30		150	-	-	200		20	N	150
10	727	88	20		10	100	10	-	-		30		150	-	-	300		50	L	150
11	728	89	L		L	100	N	-	-		20		L	-	-	200		20	N	150
12	729	90	20		L	100	20	-	-		20		150	-	-	200		30	N	150
13	730	91	30		10	100	20	-	-		30		150	-	-	500		50	200	150
14	731	92	20		10	70	L	-	-		20		100	-	-	300		20	L	150
15	732	93	N		L	50	N	-	-		20		100	-	-	300		20	L	150
16	733	94	L		L	50	N	-	-		30		150	-	-	300		20	N	150
17	734	95	N		10	1000	N	-	-		30		N	-	-	300		30	L	150
18	735	96	20		10	300	L	-	-		30		L	-	-	300		30	L	150
19	736	97	L		10	700	N	-	-		20		N	-	-	500		30	N	150
20	737	98	L		10	100	N	a	-		20		N	-	-	500		30	L	200
21	738	56	L		10	70	N	-	-		10		200	-	-	150		10	N	150
22	739	57	L		L	150	N	-	-		15		150	-	-	200		20	N	100
23	740	58	20	↓	10	150	10	-	-	↓	20	↓	150	-	-	200	↓	20	N	150
24								-	-					-	-					

AG DUP 55

POWERS ↓ ↑

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-52-F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/23/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	W-1	10	5	10	.7	1500	N	N	N	L	200	N	N	N	30	150	150
2	AIH-741	59	5	1.5	.5	.3	1500				50	700	L			20	300	20
3	742	60	10	1.5	1	.3	700				50	1000	L			20	1000	20
4	743	61	10	2	.7	.3	1000				50	500	L			20	500	30
5	744	62	10	2	.7	.3	700				50	1000	L			20	2000	20
6	745	63	10	2	.7	.3	700				70	1000	L			20	700	20
7	746	64	15	3	1	.07	1500				70	700	L			50	1000	50
8	747	66	10	2	.7	.3	700				70	700	L			20	700	20
9	748	67	15	7	2	.3	1500				70	500	L			100	5000	50
10	749	68	10	5	2	.3	700				50	300	L			30	1000	30
11	750	69	7	2	.5	.3	500				70	500	L			20	700	30
12	751	70	3	1.5	.7	.3	300				70	500	L			15	150	20
13	752	71	15	5	1	.3	700				70	1000	L			30	1500	50
14	753	72	15	2	1	.3	1500				70	1000	1			30	300	70
15	754	73	10	3	.7	.3	500				70	700	L			20	500	20
16	755	74	10	3	1	.3	1000				70	700	L			50	1500	50
17	756	75	10	1.5	.5	.3	500				70	500	L			30	200	30
18	757	76	10	3	1.5	.3	1500				70	300	L			50	2000	20
19	758	77	10	2	.7	.3	1500				70	700	L			30	1000	20
20	759	78	10	2	1	.3	1500				50	300	L			50	1500	20
21	760	79	15	2	.7	.5	1000				70	1000	1			50	300	70
22	761	80	10	2	1	.3	1000				70	1000	1			20	100	50
23	762	81	15	2	1	.3	1000	↓	↓	↓	70	1000	1	↓	↓	30	100	70
24																		

POWER

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 3-52-F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Ta	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	L	-	-	N	30	N	200	-	-	300	N	20	N	100
2	AIH-741	59	N		L	70	L	-	-		10		100	-	-	200		15		150
3	742	60	N		L	100	N	-	-		15		150	-	-	200		15		100
4	743	61	N		L	100	N	-	-		20		150	-	-	200		15		150
5	744	62	N		L	100	N	-	-		10		100	-	-	200		15		200
6	745	63	N		L	100	N	-	-		15		150	-	-	200		15		150
7	746	64	N		10	200	L	-	-		20		150	-	-	300		20		150
8	747	66	N		L	100	N	-	-		15		150	-	-	150		15		150
9	748	67	N		L	1000	N	-	-		30		100	-	-	500		20		150
10	749	68	L		N	150	N	-	-		30		100	-	-	300		15		70
11	750	69	N		10	100	N	-	-		20		100	-	-	300		20		150
12	751	70	N		L	50	N	-	-		7		100	-	-	150		10		100
13	752	71	N		L	200	L	-	-		30		L	-	-	300		20		150
14	753	72	N		L	100	L	-	-		30		200	-	-	200		20		200
15	754	73	N		L	100	N	-	-		20		150	-	-	200		15		150
16	755	74	N		L	150	L	-	-		20		100	-	-	200		15		100
17	756	75	N		L	100	L	-	-		20		100	-	-	200		15		150
18	757	76	N		L	150	L	-	-		30		100	-	-	300		15		100
19	758	77	N		L	100	10	-	-		15		100	-	-	200		15		150
20	759	78	N		L	100	N	a	-		20		100	-	-	300		15	↓	100
21	760	79	20		10	100	20	-	-		30		200	-	-	300		20	200	200
22	761	80	20		L	50	L	-	-		20		300	-	-	300		15	N	150
23	762	81	20	↓	N	70	20	-	-	↓	20	↓	300	-	-	300	↓	20	200	150
24								-	-					-	-					

POWDERS

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-53 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/23/60

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	H-1	10	5	10	.7	1500	N	N	N	L	150	N	N	N	50	150	150
2	AH-763	82	15	2	1.5	.3	700				30	700	1.5			30	200	100
3	764	83	15	2	.7	.5	1000				30	700	L			20	300	70
4	765	84	10	5	1.5	.3	700				20	500	L			50	3000	70
5	766	85	10	10	1.5	.2	1000				20	300	N			100	2000	30
6	767	86	10	7	1.5	.2	700				20	300	N			50	1000	70
7	768	87	10	5	1.5	.2	700				20	300	N			50	2000	20
8	769	88	15	2	1.0	.3	1000				20	300	L			30	500	100
9	770	POWDER 89	15	1.5	.7	.3	1000				50	500	L			30	1000	30
10	771	90	10	1.5	.5	.2	500				20	500	L			20	700	15
11	772	91	10	1.5	.5	.2	700				50	700	L			20	200	20
12	773	92	15	2	1	.3	1000				70	1000	1			30	500	50
13	774	93	7	1.5	.7	.3	1000				50	500	L			20	1000	20
14	775	94	7	1.5	.7	.3	1000				50	500	L			20	300	20
15	776	* 95	10	2	1	.3	1000				50	500	1			30	700	30
16	777	90	10	1.5	1.5	.3	1500				15	150	N			30	1500	10
17	778	PEAK 91	20	2	3	.7	1500				10	100	N			70	5000	70
18	779	92	15	5	7	.3	1500				15	70	N			70	2000	150
19	780	93	15	5	7	1	1500				20	150	N			70	200	200
20	781	94	15	5	7	.3	1500				15	150	N			100	100	200
21	782	95	20	5	7	.7	1500				20	70	N			100	500	200
22	783	96	15	5	7	.7	1500				50	200	N			50	1000	100
23	784	97	15	5	7	.5	1500				20	100	N			50	70	200
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-53 F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIH-763	82	20		L	100	L	-	-		20		300	-	-	300		20	200	100
3	764	83	N		N	70	L	-	-		30		150	-	-	300		20	L	150
4	765	84	N		N	300	N	-	-		30		100	-	-	300		20	N	100
5	766	85	N		N	1000	N	-	-		20		100	-	-	200		15	N	70
6	767	86	N		N	300	N	-	-		30		150	-	-	300		20	N	100
7	768	87	N		N	300	N	-	-		30		150	-	-	200		10	N	70
8	769	88	20		N	100	10	-	-		30		150	-	-	300		30	L	150
9	770	89	N		N	100	N	-	-		20		100	-	-	200		20	N	200
10	771	90	L		N	70	N	-	-		10		100	-	-	200		15	N	150
11	772	91	L		L	100	N	-	-		15		100	-	-	200		15	N	100
12	773	92	20		L	100	L	-	-		20		100	-	-	200		20	N	200
13	774	93	L		L	70	N	-	-		20		100	-	-	200		15	N	150
14	775	94	L		N	70	N	-	-		20		100	-	-	200		15	N	100
15	776	95	L		L	100	N	-	-		20		L	-	-	200		15	N	150
16	777	90	N		N	100	N	-	-		15		200	-	-	200		10	N	70
17	778	91	N		N	150	N	-	-		50		200	-	-	1500		10	N	150
18	779	92	N		N	150	N	-	-		50		200	-	-	700		15	N	30
19	780	93	N		N	50	N	-	-		70		200	-	-	1000		30	N	70
20	781	94	N		N	50	N	a	-		70		200	-	-	1000		15	N	20
21	782	95	N		N	50	N	-	-		70		150	-	-	1500		15	N	20
22	783	96	N		N	70	N	-	-		50		200	-	-	700		50	N	150
23	784	97	N	↓	N	20	N	-	-	↓	70	↓	200	-	-	1000	↓	20	N	50
24								-	-					-	-					

POWDER
PEARSON
POST

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-54 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/25/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	15	5	10	.7	1500	N	N	N	10	150	N	N	N	50	200	150
2	AIH-785	98	15	5	5	.7	1500				50	300	N			50	1000	150
3	786	99	10	1.5	1	.5	1000				100	700	L			30	300	50
4	787	100	15	2	1	.5	1000				150	1000	1			30	300	70
5	788	101	10	2	1.5	.3	1500				70	700	L			30	200	100
6	789	102	10	1.5	.3	.3	1500				100	700	L			30	500	30
7	790	103	10	1.5	.5	.3	1500				70	700	1			30	150	30
8	791	104	10	2	.5	.3	1500				100	1000	1			30	200	50
9	792	105	10	2	.3	.3	1500				100	1000	L			20	200	50
10	793	106	10	1.5	1	.3	700				70	1000	L			20	100	30
11	794	107	15	2	.3	.5	1000				100	1000	L			30	300	70
12	795	108	15	1.5	.7	.3	1000				70	1000	L			30	200	30
13	796	109	10	1.5	.7	.3	1000				100	1000	L			20	150	30
14	797	110	15	2	.5	.5	1500				150	1000	L			50	300	70
15	798	111	15	2	.3	.5	1500				150	1000	L			30	200	150
16	799	112	15	2	.3	.3	1500				100	1000	1			30	200	70
17	800	92	15	2	.3	.3	1000				100	700	L			30	200	70
18	801	93	15	2	.3	.3	1000				100	700	1			30	150	70
19	802	94	15	2	1	.3	1500				100	700	N			30	1000	70
20	803	95	15	2	1	.3	1500				100	700	N			30	1000	70
21	804	96	15	5	2	.3	1500				50	700	N			50	2000	100
22	805	97	15	1.5	.3	.3	1000				100	700	L			20	200	50
23	806	98	15	1.5	.3	.3	1000				70	700	L			30	200	50
24																		

PERKASIE PEAK

MT. EMILY

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-54F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	W	V	W	Y	Zn	Zr
1	//////	11-1	N	N	N	70	N	-	-	N	50	N	200	-	-	500	N	30	N	100
2	AIH-785	98	N		L	100	N	-	-		50		150	-	-	700		30	N	100
3	786	99	20		10	100	10	-	-		20		150	-	-	200		15	N	150
4	787	100	20		10	100	L	-	-		30		100	-	-	300		20	N	200
5	788	101	N		L	70	L	-	-		30		150	-	-	500		20	N	100
6	789	102	20		10	100	L	-	-		20		100	-	-	300		20	N	100
7	790	103	20		10	70	10	-	-		20		150	-	-	200		20	N	150
8	791	104	20		10	70	10	-	-		30		150	-	-	300		30	L	200
9	792	105	L		10	70	10	-	-		20		100	-	-	500		20	L	150
10	793	106	20		10	50	L	-	-		20		200	-	-	200		20	N	150
11	794	107	20		10	100	L	-	-		30		100	-	-	500		30	L	150
12	795	108	20		10	70	L	-	-		20		200	-	-	200		20	N	200
13	796	109	L		10	50	L	-	-		20		200	-	-	200		20	N	200
14	797	110	20		10	150	L	-	-		30		150	-	-	300		30	L	200
15	798	111	20		10	100	10	-	-		30		150	-	-	300		30	L	200
16	799	112	20		10	70	L	-	-		20		100	-	-	300		30	L	200
17	800	92	L		10	70	15	-	-		30		N	-	-	300		20	L	200
18	801	93	20		10	70	10	-	-		30		N	-	-	200		20	N	200
19	802	94	N		N	100	15	-	-		20		N	-	-	300		10	L	100
20	803	95	N		10	100	10	a	-		30		N	-	-	500		15	L	200
21	804	96	N		N	200	10	-	-		30		L	-	-	500		20	N	100
22	805	97	N		10	70	L	-	-		20		N	-	-	300		15	N	200
23	806	98	N		10	70	L	-	-		30		N	-	-	300		20	N	150
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-55 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/24/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	10	.7	1500	N	N	N	L	200	N	N	N	50	200	150
2	AIH-807	42	7	5	1	.5	1000				70	700	L			70	2000	50
3	808	43	7	5	.7	.5	1000				70	500				50	3000	30
4	809	44	5	5	.7	.5	1000				70	500				50	2000	30
5	810	45	7	5	1.5	.5	1500				70	300				70	1500	50
6	811	46	5	5	.7	.3	1000				70	700				30	5000	20
7	812	47	7	3	1.5	.5	1500				50	300				50	1000	50
8	813	48	7	7	1	.3	1000				50	300				50	2000	30
9	814	49	3	1.5	.5	.3	1500				30	1000				15	1500	15
10	815	50	5	2	.5	.3	1000				30	500				20	500	15
11	816	51	5	3	.7	.3	1500				30	500				20	1500	20
12	817	52	5	2	1	.3	1500				30	700				15	700	50
13	818	53	5	2	2	.5	1000				50	700				20	1500	50
14	819	54	5	2	1.5	.3	1000				50	700				20	500	50
15	820	55	5	2	1.5	.3	1000				30	700				20	700	30
16	821	56	5	2	1	.3	1000				30	700				20	500	30
17	822	57	5	1.5	1	.3	1500				50	700				30	500	50
18	823	58	5	2	1	.3	1000				50	700				30	700	30
19	824	59	5	2	1.5	.3	1000				50	700				20	700	30
20	825	60	5	2	1	.3	1000				50	700				30	500	30
21	826	61	3	2	1.5	.3	1000				50	700				20	1000	30
22	827	62	5	2	1.5	.3	1000				50	700				20	500	50
23	828	63	7	3	1	.5	1500				70	700				30	700	70
24																		

LAUGHLIN

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-55F
REPORT NO. Hm-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	300	N	20	N	70
2	AIH-807	42			L	300	10	-	-		30		L	-	-	300		20	N	100
3	808	43			L	200	N	-	-		20		N	-	-	300		20	N	200
4	809	44			L	300	N	-	-		20		N	-	-	200		15	L	150
5	810	45			10	200	N	-	-		30		150	-	-	300		20	N	150
6	811	46			L	150	N	-	-		20		150	-	-	200		20	N	100
7	812	47			L	100	N	-	-		30		100	-	-	300		20	N	100
8	813	48			L	500	N	-	-		30		N	-	-	300		20	N	70
9	814	49			10	50	N	-	-		7		150	-	-	150		10	N	200
10	815	50			L	70	N	-	-		15		N	-	-	150		15	N	200
11	816	51			N	100	N	-	-		10		N	-	-	200		10	L	100
12	817	52			10	70	N	-	-		15		100	-	-	200		15	L	100
13	818	53			L	70	N	-	-		30		300	-	-	300		20	L	150
14	819	54			10	70	N	-	-		30		200	-	-	300		20	N	150
15	820	55			L	70	N	-	-		20		200	-	-	200		15	N	100
16	821	56			L	70	N	-	-		30		200	-	-	300		15	N	100
17	822	57			L	70	L	-	-		30		150	-	-	200		20	N	150
18	823	58			L	70	N	-	-		20		150	-	-	300		15	N	100
19	824	59			L	70	N	-	-		20		150	-	-	300		15	N	100
20	825	60			L	70	N	a	-		20		200	-	-	300		15	N	100
21	826	61			L	70	N	-	-		20		200	-	-	200		15	N	100
22	827	62			L	70	L	-	-		20		200	-	-	200		20	N	100
23	828	63	✓	✓	L	100	L	-	-	✓	30	✓	200	-	-	300	✓	20	N	100
24								-	-					-	-					

LAGUNA CONS

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-56 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/24/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	10	.5	1500	N	N	N	10	200	N	N	N	50	200	150
2	AIH-829	64	5	2	1.5	.5	1500	N			70	500	L			30	700	70
3	830	65	5	3	5	.5	2000	1			50	300	L			30	300	150
4	831	66	7	2	3	.5	1500	N			50	500	L			30	300	100
5	832	67	5	2	1.5	.3	1000	N			30	700	L			20	500	70
6	833	68	7	2	1.5	.3	1000	N			50	700	L			30	700	50
7	834	69	5	1.5	.3	.3	700	N			30	500	L			20	300	50
8	835	70	3	2	.5	.2	700	N			50	500	L			30	500	20
9	836	100	3	1	.07	.3	1000	N			100	700	L			20	300	20
10	837	101	3	1	.3	.3	700	N			100	700	1			20	300	30
11	838	102	2	1	.1	.3	150	N			100	700	1			15	150	20
12	839	35	3	1	.2	.3	700	N			50	300	L			15	100	20
13	840	36	5	1.5	.3	.3	1500	N			70	500	1			20	150	100
14	841	37	5	2	.3	.5	1000	N			100	700	L			30	1500	100
15	842	38	5	1.5	.3	.3	1000	N			70	500	L			20	150	20
16	843	39	7	7	1.5	.5	1500	N			70	300	L			50	2000	30
17	844	40	3	1.5	.3	.3	1000	N			70	500	L			20	150	30
18	845	41	5	1.5	.2	.3	1000	N			70	700	L			30	150	50
19	846	42	3	2	.5	.3	1500	N			70	500	L			30	200	50
20	847	43	3	1.5	.2	.3	1000	N			70	500	L			30	150	20
21	848	22	5	7	.3	.3	1500	N			70	300	L			50	1500	30
22	849	23	10	G(10)	.3	.07	1000	N			30	50	N			100	G(5000)	5
23	850	24	15	G(10)	.5	.1	1500	N			15	100	N			100	G(5000)	20
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-56 F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	L	70	N	-	-	N	30	N	200	-	-	500	N	20	N	100
2	AIH-829	64	N		L	100	10	-	-		20		150	-	-	300		20	N	100
3	830	65	N		N	50	20	-	-		30		500	-	-	300		20	200	150
4	831	66	N		L	50	L	-	-		30		300	-	-	300		20	N	150
5	832	67	N		N	50	N	-	-		20		200	-	-	200		15	N	70
6	833	68	N		L	70	N	-	-		30		200	-	-	200		15	N	150
7	834	69	N		L	70	N	-	-		20		100	-	-	200		15	N	150
8	835	70	N		N	100	L	-	-		15		100	-	-	150		15	N	150
9	836	100	N		10	70	N	-	-		20		N	-	-	150		15	N	150
10	837	101	20		10	100	10	-	-		20		L	-	-	150		20	L	200
11	838	102	L		L	70	L	-	-		20		N	-	-	200		20	L	200
12	839	35	N		L	50	N	-	-		10		N	-	-	150		10	N	150
13	840	36	N		10	70	10	-	-		20		L	-	-	200		20	L	150
14	841	37	N		10	100	L	-	-		20		L	-	-	200		20	L	150
15	842	38	N		N	50	N	-	-		20		N	-	-	150		15	N	150
16	843	39	N		L	300	L	-	-		30		L	-	-	200		20	N	150
17	844	40	N		10	50	10	-	-		20		N	-	-	150		15	N	150
18	845	41	L		10	70	15	-	-		20		L	-	-	150		20	N	150
19	846	42	L		L	70	L	-	-		20		L	-	-	150		15	L	150
20	847	43	L		L	70	L	-	-		15		L	-	-	200		20	N	150
21	848	22	N		N	500	L	-	-		20		N	-	-	150		15	N	150
22	849	23	N		N	2000	N	-	-		10		N	-	-	100		N	N	N
23	850	24	N	↓	N	5000	N	-	-	↓	25	↓	N	-	-	150	↓	L	N	20
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-57 F
REPORT NO HM-1006

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10/24/68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	15	5	10	.7	1500	N	N	N	10	150	N	N	N	50	200	150
2	AIH-851	25	10	10	2	.3	1000				50	100	N			100	3000	30
3	852	26	5	7	1	.2	1000				50	300	N			70	2000	20
4	853	27	7	7	1.5	.3	1500				50	300	L			70	3000	30
5	854	28	5	5	.5	.3	700				70	300	L			30	1000	30
6	855	29	3	2	.3	.3	1000				100	300	L			30	200	30
7	856	30	3	5	.3	.3	1000				70	300	L			30	1000	30
8	857	31	10	10	3	.7	1500				70	300	L			70	5000	100
9	858	32	5	2	.3	.5	1000				100	700	L			20	150	50
10	859	33	7	2	.3	.5	700				100	700	L			20	700	50
11	860	34	7	2	.3	.3	1000				70	300	L			20	3000	30
12	861	35	15	7	.7	.3	1500				50	500	N			70	G(500)	50
13	862	36	10	5	.7	.5	1000				150	500	L			30	2000	70
14	863	37	10	7	3	.5	1500				100	300	N			50	5000	50
15	864	38	15	10	1.5	.2	1000				30	100	N			100	5000	30
16	865	39	5	2	.3	.3	1000				100	500	L			30	1000	30
17	866	40	7	3	.3	.2	700	.7			100	700	L			50	G(500)	50
18	867	41	10	10	.3	.15	1000	N			50	200	N			100	G(500)	20
19	868	42	5	2	.2	.3	500	N			100	500	L			20	700	50
20	869	43	15	10	3	.3	1500	N			10	100	N			70	G(500)	70
21	870	44	5	2	.2	.3	500	N			70	500	L			20	500	30
22	871	45	10	3	.7	.5	700	N			100	500	L			30	700	100
23	872	46	10	7	3	.3	1000	N			50	300	L			50	5000	30
24																		

OCD BEACH

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-57F
REPORT NO. HM-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Ta	U	V	W	Y	Zn	Zr
1	//////	W-1	N	N	N	70	N	-	-	N	50	N	300	-	-	500	N	30	N	100
2	AIH-851	25	N		N	2000	N	-	-		30		N	-	-	200		15	N	70
3	852	26	N		N	1500	N	-	-		30		N	-	-	150		15	N	70
4	853	27	N		N	1000	N	-	-		30		N	-	-	200		20	N	100
5	854	28	N		N	200	N	-	-		30		N	-	-	300		15	N	100
6	855	29	N		N	100	N	-	-		20		L	-	-	200		20	N	150
7	856	30	N		N	150	N	-	-		15		N	-	-	200		15	N	100
8	857	31	N		N	1000	N	-	-		30		L	-	-	500		30	N	150
9	858	32	L		N	70	10	-	-		20		N	-	-	200		20	N	200
10	859	33	L		N	70	L	-	-		20		N	-	-	300		20	N	150
11	860	34	N		N	100	N	-	-		20		N	-	-	200		20	N	150
12	861	35	L		N	1500	N	-	-		20		N	-	-	500		15	L	70
13	862	36	N		L	200	N	-	-		30		100	-	-	300		30	N	150
14	863	37	N		N	700	N	-	-		30		100	-	-	300		20	N	150
15	864	38	N		N	2000	N	-	-		30		N	-	-	200		10	N	50
16	865	39	L		L	100	N	-	-		20		L	-	-	300		20	N	150
17	866	40	N		N	500	L	-	-		20		N	-	-	300		15	200	150
18	867	41	N		N	1500	N	-	-		10		N	-	-	200		10	L	70
19	868	42	N		L	100	N	-	-		20		N	-	-	300		20	L	150
20	869	43	N		N	1000	N	a	-		30		L	-	-	500		20	N	70
21	870	44	L		L	70	L	-	-		20		N	-	-	200		15	L	150
22	871	45	20		10	150	10	-	-		30		L	-	-	300		50	L	150
23	872	46	L	↓	N	300	L	-	-	↓	50	↓	N	-	-	300	↓	20	L	70
24								-	-					-	-					

GOLD BEACH

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 2-58 F — 6 Step D. C. Arc — REQUESTED BY R. BOWEN — DATE 10/24/68

REPORT NO HM-1006 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	10	5	7	.5	1500	N	N	N	L	150	N	N	N	50	200	150
2	BIH-873	48	3	1.5	.2	.3	1000	.5			100	700	1			30	150	50
3	874	49	3	1.5	.3	.3	1000	N			100	500	L			20	200	50
4	875	50	5	2	.2	.5	1500	N			100	700	L			30	300	70
5	876	51	2	1	.2	.3	500	N			70	300	L			15	150	15
6	877	52	3	1.5	.5	.3	700	N			70	500	1			20	500	20
7	878	53	7	2	1.5	.3	1000	N			30	500	L			20	50	10
8	879	54	10	1.5	1.5	.5	2000	N			50	700	1			20	50	20
9	880	55	7	1.5	1.5	.3	1500	N			30	700	L			20	70	15
10	881	56	5	1.5	1.5	.3	1500	N			50	700	L			20	30	20
11	882	57	5	1.5	1	.3	1500	N	↓	↓	50	500	L	↓	↓	20	50	20
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

NOT ORDERED

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 2-58 F
REPORT NO. Hm-1006

ANALYST JERRY MOTOOKA

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	N	N	N	70	N	-	-	N	50	N	200	-	-	500	N	20	N	100
2	AIH-873	48	20		L	70	10	-	-		20		100	-	-	200		30	L	100
3	874	49	N		L	70	L	-	-		20		100	-	-	200		L	L	70
4	875	50	N		L	100	L	-	-		30		L	-	-	200		20	L	100
5	876	51	N		10	70	N	-	-		10		N	-	-	150		10	N	70
6	877	52	N		10	70	L	-	-		20		200	-	-	200		20	N	100
7	878	53	N		L	20	N	-	-		20		500	-	-	300		15	N	100
8	879	54	N		10	20	N	-	-		20		500	-	-	300		20	N	150
9	880	55	N		L	20	N	-	-		20		300	-	-	300		15	N	200
10	881	56	N		L	20	N	-	-		20		500	-	-	200		15	N	150
11	882	57	N		L	20	N	-	-		15		300	-	-	300		15	N	200
12								-	-					-	-					
13								-	-					-	-					
14								-	-					-	-					
15								-	-					-	-					
16								-	-					-	-					
17								-	-					-	-					
18								-	-					-	-					
19								-	-					-	-					
20								-	-					-	-					
21								-	-					-	-					
22								-	-					-	-					
23								-	-					-	-					
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4 ##3
REPORT NO 70 1195 ✓

6 Step D. C. Arc REQUESTED BY R. BOWEN ✓ DATE 10-15-68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	IIIIII	G-1	1.5	.2	.7	.15	200	N	N	N	L	700	1.5	N	N	L	10	10
2	58	AIH 883	7	1	.7	.3	1000				20	700	L			10	20	15
3	59		7	1.5	.7	.3	700				20	700	L			15	100	70
4	60		7	3	.7	.3	700				50	700	L			20	1000	70
5	61		7	2	1	.2	700				30	500	L			10	200	70
6	62		7	2	1	.2	700				30	700	L			10	500	50
7	63		7	2	1	.2	700				30	700	L			10	300	50
8	65		5	1.5	.7	.2	500				30	500	L			10	150	50
9	66	890	7	2	1	.2	700				30	500	L			15	1000	50
10	67		7	1.5	.5	.3	700				70	700	L			20	150	70
11	68		7	1	.3	.3	700				70	500	L			15	70	70
12	69		7	.7	.15	.3	700				70	300	L			15	50	70
13	70		5	1	.15	.3	500				70	500	L			10	100	50
14	71		7	1	.15	.3	1000				70	500	L			20	70	70
15	72		7	2	.1	.3	700				100	500	L			15	150	70
16	73		7	2	.07	.3	700				70	500	L			15	150	50
17	74		7	3	.15	.5	700				100	700	L			20	200	70
18	75		7	2	.1	.3	700				100	700	L			15	150	50
19	76	900	7	3	.15	.3	500				70	500	L			15	150	50
20	77		10	3	.2	.5	1000				100	700	L			20	150	70
21	78		7	3	.1	.3	300				70	700	L			15	100	50
22	79		7	5	.3	.2	700				50	500	L			20	700	30
23			3	1	.2	.2	500	✓	✓	✓	30	300	L	✓	✓	10	50	15
24																		

Report Corrected

↑ Composite

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-448
REPORT NO. HM 1195

ANALYST E.F. COOLEY

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	11111	G-1	70	7	15	L	30	-	-	N	L	L	200	-	-	20	N	10	N	200
2	58	AIH-883	L	L	10	20	10	-	-		10		300	-	-	150		10	N	200
3	59	84	50	L	15	70	10	-	-		20		200	-	-	150		20	N	300
4	60	85	L	5	10	200	10	-	-		20		200	-	-	150		15	N	100
5	61	86	L	L	L	70	10	-	-		20		200	-	-	100		15	N	100
6	62	87	L	L	10	70	10	-	-		20		200	-	-	150		10	N	100
7	63	88	L	L	10	70	10	-	-		20		200	-	-	100		15	N	100
8	65	89	L	L	L	70	L	-	-		15		200	-	-	100		10	N	100
9	66	890	L	L	L	100	L	-	-		20		200	-	-	150		20	N	100
10	67	91	L	5	10	70	10	-	-		20		200	-	-	150		20	L	150
11	68	92	L	L	L	70	10	-	-		20		200	-	-	150		20	N	100
12	69	93	L	L	10	30	10	-	-		20		200	-	-	150		20	N	200
13	70	94	L	L	L	50	10	-	-		20		200	-	-	100		15	N	100
14	71	95	L	L	10	50	10	-	-		20		200	-	-	150		20	L	100
15	72	96	50	L	10	70	10	-	-		20		200	-	-	150		20	L	200
16	73	97	50	L	10	70	10	-	-		20		150	-	-	150		20	N	200
17	74	98	50	L	10	70	10	-	-		20		150	-	-	150		20	N	200
18	75	99	L	5	10	70	10	-	-		20		200	-	-	150		20	N	150
19	76	900	L	L	10	70	10	-	-		15		200	-	-	100		20	N	150
20	77	01	L	5	10	100	10	A	-		20		200	-	-	150		30	N	150
21	78	02	L	L	10	70	10	-	-		15		200	-	-	150		15	N	150
22	79	03	L	L	10	300	10	-	-		15		200	-	-	150		15	N	100
23		04	L	L	L	50	L	-	-	↓	10	↓	200	-	-	100	↓	10	N	100
24								-	-					-	-					

Report Format

↑ Composites

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-4513 — 6 Step D. C. Arc — REQUESTED BY R. Bowen — DATE 10-15-68

REPORT NO HM 1195 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	W-1	2	.2	.7	.15	200	N	N	N	L	1000	1.5	N	N	L	15	20
2	"	AIH-905	5	1	.3	.3	700	"	"	"	100	500	L	"	"	10	70	30
3		6	3	.7	.2	.2	300				50	500	L			L	50	15
4		7	7	1.5	.2	.3	700				70	700	L			15	70	50
5		8	5	1	.2	.3	700				50	500	L			10	70	50
6		9	5	2	.3	.3	700				100	700	L			10	150	70
7		10	10	2	.2	.5	700				100	700	L			15	150	70
8		11	5	1.5	.2	.3	700				100	500	L			15	70	70
9		12	7	3	.7	.3	1000				100	700	L			20	700	70
10		13	7	2	.3	.3	700				100	700	N			20	150	70
11	"	14	15	5	5	.3	1000				20	100	N			50	2000	70
12	"	15	10	7	2	.3	1000				20	150	N			70	5000	70
13		16	7	7	1	.15	1000				10	100	N			70	G(5000)	50
14		17	10	7	5	.2	1000				50	700	N			50	G(5000)	70
15	"	18	10	7	1.5	.2	1500				20	150	N			50	5000	70
16		19	10	7	1.5	.2	1000				20	150	N			50	G(5000)	70
17		20	10	10	.7	.05	1000				15	L	N			70	G(5000)	15
18	"	21	7	3	1	.2	700				50	500	N			20	2000	50
19		22	10	5	.7	.3	700				100	500	N			50	G(5000)	50
20		23	7	5	.2	.2	700				100	300	N			30	2000	50
21		24	7	5	.7	.2	700				100	300	N			20	5000	30
22		25	7	3	.5	.2	700				100	300	L			30	2000	70
23		9 24	7	3	.7	.2	700	↓	↓	↓	100	300	L	↓	↓	20	1500	50
24																		

Duplicate

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-453
REPORT NO. HM 1195

ANALYST E.F. Cooley

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	W	V	W	Y	Zn	Zr
1	//////	W-1	70	5	15	L	50	-	-	N	L	N	200	-	-	20	N	10	N	200
2		AIH-905	N	L	10	50	10	-	-		10		200	-	-	150		10	N	100
3		6		L	10	20	10	-	-		5		200	-	-	70		10	N	150
4		7		L	10	50	10	-	-		10		200	-	-	150		10	N	100
5		8		L	10	50	10	-	-		10		200	-	-	100		10	N	150
6		9		L	10	100	10	-	-		10		200	-	-	100		15	N	150
7		10		5	10	100	10	-	-		20		200	-	-	150		15	N	150
8		11		L	10	70	10	-	-		10		200	-	-	100		10	N	100
9		12		L	10	200	10	-	-		20		200	-	-	200		15	N	150
10		13		L	10	100	10	-	-		20		200	-	-	200		15	N	150
11		14		5	L	200	L	-	-		50		200	-	-	500		10	N	L
12		15		5	L	500	N	-	-		30		200	-	-	300		10	N	20
13		16		L	L	1500	L	-	-		20		200	-	-	100		L	N	20
14		17		L	L	200	L	-	-		50		200	-	-	300		15	N	50
15		18		L	L	500	L	-	-		30		200	-	-	200		15	N	30
16		19		L	L	700	L	-	-		30		200	-	-	150		10	500	30
17		20		L	L	1500	N	-	-		20		150	-	-	100		L	L	L
18		21		L	L	200	10	-	-		20		200	-	-	150		10	N	100
19		22		L	L	500	10	-	-		20		200	-	-	150		15	N	100
20		23		L	L	500	10	θ	-		15		200	-	-	150		10	N	100
21		24		L	L	200	10	-	-		20		200	-	-	150		15	N	50
22		25		L	L	300	10	-	-		15		200	-	-	150		15	N	50
23		26	Y	L	L	300	10	-	-	Y	20	Y	200	-	-	150	V	15	N	100
24								-	-					-	-					

Composites

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-46 B
REPORT NO 1195

6 Step D. C. Arc

REQUESTED BY R. BOWEN

DATE 10-15-68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	2	.2	.7	.15	200	N	N	N	L	1000	1.5	N	N	L	20	10
2		AH-927	5	3	.3	.5	500				100	700	1			15	500	70
3		28	5	2	.7	.3	500				100	700	1			15	700	50
4		29	5	5	.7	.3	1000				100	500	L			30	1500	70
5		30	5	3	.3	.3	700				100	700	L			15	300	70
6		31	3	3	.5	.3	700				100	700	L			15	700	70
7		32	5	3	1.5	.3	700				50	500	L			15	150	70
8		33	3	2	1.5	.3	700				50	700	L			10	500	50
9		34	7	3	2	1	1000				20	300	N			20	700	70
10		35	7	2	2	1	1000				15	500	N			15	300	70
11		36	3	1	.3	.3	1500				70	700	L			15	100	70
12		37	3	1.5	.7	.3	1000				50	700	L			15	200	70
13		38	5	2	1.5	.3	1000				50	700	N			20	500	70
14		39	3	3	1.5	.3	1000				20	300	N			20	1000	30
15		40	5	3	2	.5	500				10	200	N			50	1000	100
16		41	5	2	3	.5	1500				15	300	N			15	1500	50
17		42	5	1	.7	.3	1000				50	700	L			15	200	50
18		43	3	1	.3	.3	1500				50	700	L			15	100	50
19		44	5	2	1	.5	1500				30	500	N			20	500	50
20		45	5	3	1	.5	1500				20	500	N			30	3000	70
21		46	5	2	1.5	.5	1500				20	300	N			50	2000	50
22		47	3	2	1.5	.3	1500				20	500	N			15	100	100
23		948	3	1.5	1	.3	1000	↓	↓	↓	30	500	N	↓	↓	10	200	30
24																		

Composite

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-468
REPORT NO. 1195

ANALYST E.F. Cooley

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	111111	W-1	70	10	10	L	50	-	-	N	L	N	200	-	-	20	N	10	N	200
2		AIH-927	N	5	10	200	10	-	-		20		200	-	-	70		20	L	100
3		28	N	5	10	150	10	-	-		20		200	-	-	70		20	L	100
4		29	N	5	10	500	10	-	-		20		200	-	-	70		20	L	70
5		30	N	5	10	150	10	-	-		20		200	-	-	70		20	N	100
6		31	N	5	10	150	10	-	-		20		200	-	-	70		20	N	100
7		32	N	5	10	100	10	-	-		30		200	-	-	100		20	N	100
8		33	N	5	10	100	10	-	-		20		200	-	-	70		20	N	100
9		34	N	L	15	200	10	-	-		30		200	-	-	100		20	N	100
10	Composite	35	N	5	15	150	100	-	-		30		200	-	-	100		20	N	70
11		36	L	5	10	100	10	-	-		20		200	-	-	70		20	L	70
12		37	N	5	10	70	10	-	-		20		200	-	-	70		20	L	70
13		38	N	L	10	100	10	-	-		30		200	-	-	100		20	N	100
14		39	N	5	10	300	10	-	-		20		200	-	-	100		20	N	50
15		40	N	L	10	300	10	-	-		30		200	-	-	100		20	L	30
16		41	N	5	10	70	10	-	-		30		300	-	-	100		20	N	50
17		42	L	5	10	70	10	-	-		20		200	-	-	70		20	N	100
18		43	N	5	10	70	10	-	-		20		200	-	-	70		20	L	70
19		44	N	5	10	100	10	-	-		20		200	-	-	70		20	N	100
20		45	N	5	10	300	10	A	-		30		200	-	-	100		20	N	100
21		46	N	5	10	500	10	-	-		30		200	-	-	100		20	N	70
22		47	N	5	10	70	10	-	-		30		200	-	-	100		20	200	50
23		948	N	5	10	70	10	-	-	V	20	V	200	-	-	100	V	15	N	30
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-478 — 6 Step D. C. Arc — REQUESTED BY R. Bowen — DATE 10-16-68

REPORT NO HM 1195 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	IIIIII	W-1	1.5	.2	.7	.15	200	N	N	N	L	700	1.5	N	N	N	15	5
2		AIH 949	7	3	2	G(1)	1500				10	200	N			20	700	50
3		50	5	3	1.5	1	1500				20	300	N			20	2000	50
4		51	3	2	1	.5	1000				30	300	N			15	500	50
5		52	3	2	1	.3	1000				30	500	L			15	500	50
6		53	5	2	1	.3	1500				20	500	L			30	1500	70
7		54	3	2	1.5	.5	1000				20	300	L			30	1000	50
8		Composite 55	3	2	1.5	.3	1500				30	300	N			20	2000	50
9		56	3	1.5	1	1	1000				10	500	L			15	300	30
10		57	2	3	2	.3	1000				20	150	N			30	1000	30
11		58	5	2	1	.3	1000				20	300	N			20	G(5000)	50
12		59	5	3	2	.5	1500				20	200	N			50	5000	50
13		60	3	2	1.5	.3	1000				10	300	N			20	500	30
14		61	2	2	1.5	.15	1000				20	500	N			15	100	50
15		62	2	.7	1.5	.15	1000				30	500	L			10	70	70
16		63	3	2	2	.15	1000				10	500	L			15	70	50
17		64	2	2	1.5	.15	700				30	300	L			15	70	70
18		65	2	2	1.5	.15	1000				50	300	N			15	100	50
19		66	2	2	1	.3	700				50	300	L			15	100	70
20		67	2	3	2	.15	1000				15	300	N			15	200	50
21		68	2	3	2	.15	1000				15	300	N			15	1500	15
22		69	3	3	1	.2	1000				50	200	N			20	1500	50
23		AIH 970	3	3	.5	.2	700	↓	↓	↓	50	200	L	↓	↓	15	1000	30
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-478
REPORT NO. HM 1195

ANALYST E. F. Cooley

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	WS-1	100	5	10	L	30	-	-	N	L	N	200	-	-	20	N	10	N	200
2		AIH 949	N	5	15	150	L	-	-		30		200	-	-	150		20	L	50
3		50	N	5	15	150	L	-	-		30		200	-	-	150		20	L	100
4		51	N	5	10	100	L	-	-		30		200	-	-	150		20	L	70
5		52	N	5	L	150	10	-	-		30		200	-	-	100		20	L	50
6		53	N	5	L	200	10	-	-		30		200	-	-	150		20	L	50
7		54	N	5	10	200	10	-	-		30		200	-	-	150		20	L	50
8		55	N	5	L	150	10	-	-		30		200	-	-	150		20	L	50
9		56	N	5	10	100	10	-	-		30		200	-	-	200		20	N	700
10		57	N	5	L	150	L	-	-		30		200	-	-	200		20	N	30
11		58	N	5	10	150	10	-	-		50		200	-	-	200		20	300	50
12		59	N	5	10	300	L	-	-		30		200	-	-	200		20	N	30
13		60	N	5	10	100	L	-	-		20		200	-	-	150		20	N	30
14		61	N	5	L	50	10	-	-		20		200	-	-	150		20	N	30
15		62	N	5	L	50	10	-	-		20		200	-	-	150		20	200	30
16		63	N	L	L	50	L	-	-		20		200	-	-	150		20	N	50
17		64	N	L	L	50	L	-	-		20		200	-	-	150		20	N	50
18		65	N	L	L	50	10	-	-		20		200	-	-	150		20	N	30
19		66	50	L	10	70	10	-	-		20		200	-	-	100		20	N	50
20		67	50	L	L	70	L	0	-		20		200	-	-	100		20	N	50
21		68	L	L	L	70	L	-	-		20		200	-	-	150		20	N	50
22		69	L	5	10	150	10	-	-		20		200	-	-	200		20	200	50
23		AIH 970	N	L	L	150	10	-	-	↓	15	↓	150	-	-	100	↓	20	L	50
24								-	-					-	-					

COMPOSITE 15

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-48B
REPORT NO HM 1195

6 Step D. C. Arc

REQUESTED BY R. Bowen

DATE 10-15-68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	1.5	.2	.7	.15	200	N	N	N	L	700	1.5	N	N	L	10	5
2		AIH-971	7	5	.5	.2	1000				50	300	L			30	3000	50
3		972	7	5	1	.3	700				30	300	L			20	2000	30
4		973	7	2	.5	.3	1000				50	700	1			15	700	70
5		974	7	3	.7	.2	700				50	500	1			15	700	50
6		975	10	3	5	.3	1500				15	100	L			20	700	100
7		976	7	1.5	1	.3	700				50	500	L			15	100	50
8		977	5	1.5	.5	.3	700				50	700	L			15	100	50
9		978	10	3	2	.3	1000				20	200	N			20	500	70
10		979	10	5	1.5	.2	1000				10	100	N			20	G(1000)	70
11		980	15	7	.5	.07	1000				20	50	N		—	100	G(500)	15
12		981	15	7	.7	.07	1000				15	50	N			100	G(500)	20
13		982	10	7	.7	.15	1000				20	30	N			150	G(500)	20
14		983	10	5	.5	.2	1500				15	50	N			100	G(1000)	30
15		984	10	5	.7	.1	1500				15	150	N			150	G(500)	15
16		985	10	5	.5	.1	1000				15	100	N			100	G(500)	10
17		986	5	1.5	.5	.2	700				50	500	L			15	2000	20
18		987	5	2	.5	.2	1000				30	500	L			15	1500	20
19		988	7	5	1.5	.3	1000				15	200	L			20	5000	50
20		989	7	3	1.5	.3	1000				10	200	N			20	3000	50
21		990	7	7	.7	.15	1000				10	100	N			30	5000	30
22		991	7	5	1	.15	1000				15	150	N			30	3000	30
23		AIH 992	7	3	1	.15	1000	↓	↓	↓	15	200	N	↓	↓	20	2000	30
24																		

Composite 5

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-48B
REPORT NO. HM 1195

ANALYST E.F. Cooley

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	100	10	10	L	30	-	-	N	N	N	200	-	-	20	N	10	N	200
2		AIH-971	L	5	5	1000	10	-	-		15		150	-	-	100		15	N	50
3		972	L	5	5	300	10	-	-		20		200	-	-	150		20	N	30
4		973	L	L	5	150	15	-	-		15		200	-	-	150		15	N	50
5		974	L	5	L	300	10	-	-		15		200	-	-	100		20	N	50
6		975	L	7	5	70	L	-	-		50		200	-	-	300		20	N	30
7		976	L	L	5	70	10	-	-		20		200	-	-	150		20	L	50
8		977	L	L	5	70	10	-	-		20		200	-	-	100		20	L	50
9		978	N	5	5	70	L	-	-		70		200	-	-	300		10	L	20
10		979	N	5	L	500	L	-	-		20		200	-	-	150		L	L	50
11		980	N	7	5	1500	L	-	-		20		100	-	-	150		L	300	L
12		981	N	5	5	1500	L	-	-		20		100	-	-	200		10	300	L
13		982	N	5	5	1500	N	-	-		15		100	-	-	100		10	L	20
14		983	N	5	L	1500	L	-	-		20		100	-	-	150		10	200	20
15		984	N	5	L	1500	L	-	-		20		100	-	-	100		10	200	20
16		985	N	6	5	1500	N	-	-		15		100	-	-	100		10	200	20
17		986	L	L	5	150	L	-	-		15		150	-	-	150		15	200	100
18		987	L	L	L	200	L	-	-		10		150	-	-	100		15	N	70
19		988	L	L	5	500	L	-	-		20		150	-	-	100		20	500	30
20		989	L	L	5	200	10	A	-		20		150	-	-	150		20	L	50
21		990	L	L	5	200	L	-	-		10		150	-	-	100		10	-	20
22		991	L	L	5	500	10	-	-		15		150	-	-	100		20	9	20
23		AIH 992	L	L	L	300	L	-	-	↓	15	↓	150	-	-	100	↓	20	L	20
24								-	-					-	-					

Composites

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-49B — 6 Step D. C. Arc — REQUESTED BY R. Bowen — DATE

REPORT NO HM 1195 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	111111	W-1	1.5	.2	.7	.15	100	N	N	N	L	700	1.5	N	N	L	15	5
2		AIH-993	10	2	2	.3	1000				10	100	N			30	G(5000)	50
3		994	7	3	1	.2	700				20	300	N			20	1500	50
4		995	5	2	.3	.2	500				100	500	L			15	500	50
5		996	7	3	.5	.3	500				30	500	L			20	700	50
6		997	7	3	1	.2	700				20	500	L			20	1500	50
7		998	7	3	.7	.3	500				20	200	L			20	1000	50
8		999	5	1	.7	.3	500				20	500	L			15	1000	100
9		AIE 100	3	1	.7	.3	500				20	500	L			10	150	20
10		101	5	2	1	.2	700				50	500	L			15	300	30
11		102	3	.7	.5	.2	300				20	500	L			10	200	50
12		103	5	1	.5	.15	700				20	500	L			15	1000	50
13		104	3	.5	.5	.2	500				20	500	L			10	700	10
14		105	5	1	1	.3	500				20	300	N			15	300	70
15		106	7	1	2	.3	700				10	300	L			10	20	50
16		107	7	1	1.5	.2	1000				10	200	N			10	20	70
17		108	7	1	1.5	.2	1000				10	150	N			10	20	50
18		109	7	1	1.5	.2	1000				10	200	L			15	20	50
19		110	7	1	1.5	.2	1000				10	200	L			10	50	50
20		111	7	1	1.5	.2	1000				10	200	N			10	20	50
21		112	5	1.5	.5	.2	1000				50	500	L			15	1000	50
22		113	5	1	.5	.2	500				50	500	L			10	70	50
23		AIE 114	5	1	1.5	.3	500	↓	↓	↓	20	200	L	↓	↓	15	100	20
24																		

Continued

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. 4-49B
REPORT NO. HM-1195

ANALYST R. RAWEN

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	W-1	100	5	10	L	30	-	-	N	L	N	200	-	-	20	N	10	N	150
2		AIH-993	L	L	L	200	L	-	-		20		200	-	-	200		20	200	30
3		994	L	L	L	300	10	-	-		15		200	-	-	100		20	L	50
4		995	L	L	5	70	L	-	-		15		200	-	-	150		20	N	70
5		996	L	L	L	200	10	-	-		15		200	-	-	150		20	N	100
6		997	L	L	L	200	L	-	-		15		200	-	-	100		15	N	50
7		998	L	L	L	200	10	-	-		15		200	-	-	100		20	N	50
8		999	L	L	L	50	20	-	-		15		200	-	-	100		15	N	50
9		AIE 100	50	L	5	50	15	-	-		10		200	-	-	100		15	N	150
10		101	20	L	5	150	10	-	-		15		200	-	-	150		15	N	50
11		102	L	L	L	50	10	-	-		10		200	-	-	100		10	N	50
12		103	20	L	L	150	L	-	-		10		200	-	-	100		10	N	100
13		104	L	L	L	50	L	-	-		10		200	-	-	100		10	N	150
14		105	L	L	L	100	L	-	-		5		200	-	-	150		15	200	50
15		106	L	L	L	30	L	-	-		20		300	-	-	150		20	N	50
16		107	L	L	L	20	L	-	-		20		200	-	-	150		20	N	50
17		108	L	L	L	20	10	-	-		20		200	-	-	150		20	N	50
18		109	L	L	L	20	10	-	-		20		200	-	-	150		20	N	50
19		110	L	L	L	20	L	-	-		20		200	-	-	150		20	N	70
20		111	L	L	L	20	L	-	-		20		200	-	-	150		20	N	30
21		112	L	L	L	150	10	-	-		15		200	-	-	100		20	N	70
22		113	L	L	L	50	10	-	-		15		200	-	-	100		20	N	70
23		AIE 114	L	L	L	50	L	-	-	Y	15	↓	200	-	-	100	↓	15	N	50
24								-	-					-	-					

Composites

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-508 — 6 Step D. C. Arc — REQUESTED BY R. Bowen — DATE 10-16-68

REPORT NO HM 1195 — SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	11111	W-1	1.5	.2	.7	.15	200	N	N	N	L	700	1.5	N	N	L	15	10
2		AIE 115	5	2	2	.3	700				10	300	L			15	700	20
3		116	5	1.5	2	.3	700				15	300	L			10	500	10
4		117	7	2	1.5	.3	1000				20	500	L			15	100	50
5		118	7	1.5	1	.3	1000				20	500	L			20	100	50
6		119	5	.7	.5	.2	700				50	500	1			10	70	50
7		120	7	1.5	.7	.3	1000				50	700	1			20	100	50
8		121	7	1	.7	.3	700				30	500	1			15	100	50
9		122	10	.7	1	1	1000				10	300	1			15	30	15
0		123	10	.7	.7	.5	1000				20	300	L			15	15	20
1		124	7	2	2	.3	1000				10	500	L			10	300	50
2		125	7	2	1	.3	1000				15	300	L			20	1000	30
3		126	5	.7	.7	.2	1000				20	300	L			10	100	20
4		127	7	2	.2	.3	1000				70	500	L			15	500	50
5		128	7	2	.15	.3	700				70	500	L			15	300	50
6		129	7	2	.7	.2	700				50	500	L			15	500	70
7		130	5	1.5	.5	.2	700				20	500	L			10	150	30
8		131	5	2	.7	.2	700				30	500	L			15	500	50
9		132	5	3	1	.15	700				30	300	L			20	1000	50
0		133	7	3	.7	.2	700				30	700	L			15	500	50
1		134	5	3	1	.2	700				30	300	L			15	700	30
2		135	7	3	.7	.3	700				30	300	L			20	2000	30
3		AIE 136	5	1.5	.7	.15	700	Y	Y	Y	20	500	L	Y	Y	10	300	30
4																		

Continued #5

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

FILM NO. A-50 B
REPORT NO. HM 1195 14

ANALYST E. F. Cooley

Sheet #2

	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	//////	10-1	100	5	15	L	50	-	-	N	10	N	200	-	-	20	N	10	N	200
2		AIE 115	N	5	10	150	L	-	-		15		500	-	-	100		10	N	50
3		116	N	L	L	100	L	-	-		10		500	-	-	100		20	N	70
4		117	L	L	L	70	10	-	-		20		200	-	-	150		20	N	70
5		118	L	L	10	70	10	-	-		20		200	-	-	150		20	N	100
6		119	50	L	10	50	10	-	-		10		200	-	-	100		20	L	50
7		120	L	5	10	100	15	-	-		15		200	-	-	150		20	L	70
8		121	30	L	10	70	10	-	-		15		200	-	-	100		20	L	100
9		122	L	L	10	20	10	-	-		20		200	-	-	100		20	200	70
10		123	30	L	10	20	10	-	-		20		200	-	-	100		15	200	100
11		124	L	L	L	70	10	-	-		20		500	-	-	100		15	N	200
12		125	L	L	L	300	10	-	-		15		200	-	-	100		10	L	50
13		126	L	L	L	20	10	-	-		10		200	-	-	100		15	L	50
14		127	50	L	L	100	20	-	-		10		150	-	-	150		15	L	100
15		128	30	L	10	150	15	-	-		10		200	-	-	100		15	200	150
16		129	30	L	10	100	15	-	-		15		200	-	-	150		10	L	100
17		130	L	L	L	70	10	-	-		10		200	-	-	100		10	L	70
18		131	L	L	L	70	10	-	-		15		200	-	-	100		10	L	70
19		132	L	L	L	200	10	-	-		15		200	-	-	100		15	L	50
20		133	30	L	L	150	10	A	-		15		200	-	-	100		10	L	70
21		134	50	L	L	150	10	-	-		10		200	-	-	70		10	L	70
22		135	L	5	L	300	10	-	-		15		200	-	-	150		15	L	100
23		AIE 136	30	L	L	70	10	-	-	Y	10	Y	200	-	-	150	Y	10	N	70
24								-	-					-	-					

Composites

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique.

SEMIQUANTITATIVE SPECTROGRAPHIC ANALYSIS - FIELD SERVICES SECTION

FILM NO. 4-51B
REPORT NO HM 1195

6 Step D. C. Arc REQUESTED BY R. Bowen DATE 10-16-68

SHEET #1

	TAG NO.	FIELD NO.	Fe%	Mg%	Ca%	Ti%	Mn	Ag	As	Au	B	Ba	Be	Bi	Cd	Co	Cr	Cu
1	//////	W-1	1.5	.2	.7	.15	150	N	N	N	<	700	1.5	<	N	<	10	10
2		AIE-137	5	1	1	.2	500				20	300	<	<		10	100	70
3		138	5	1	.7	.2	500				30	500	1	<		10	70	70
4		139	5	1	.7	.2	500				20	500	<	<		10	150	20
5	Composites	AIE-140	5	1	.7	.2	500				20	300	<	<		15	700	20
6																		
7																		
8																		
9																		
10																		
11																		
12																		
13																		
14																		
15																		
16																		
17																		
18																		
19																		
20																		
21																		
22																		
23																		
24																		

REMARKS: Fe, Mg, Ca, and Ti reported in%, all other elements reported in ppm. Results are reported in the series 1, 0.7, 0.5, 0.3, 0.2, 0.15, 0.1, etc.

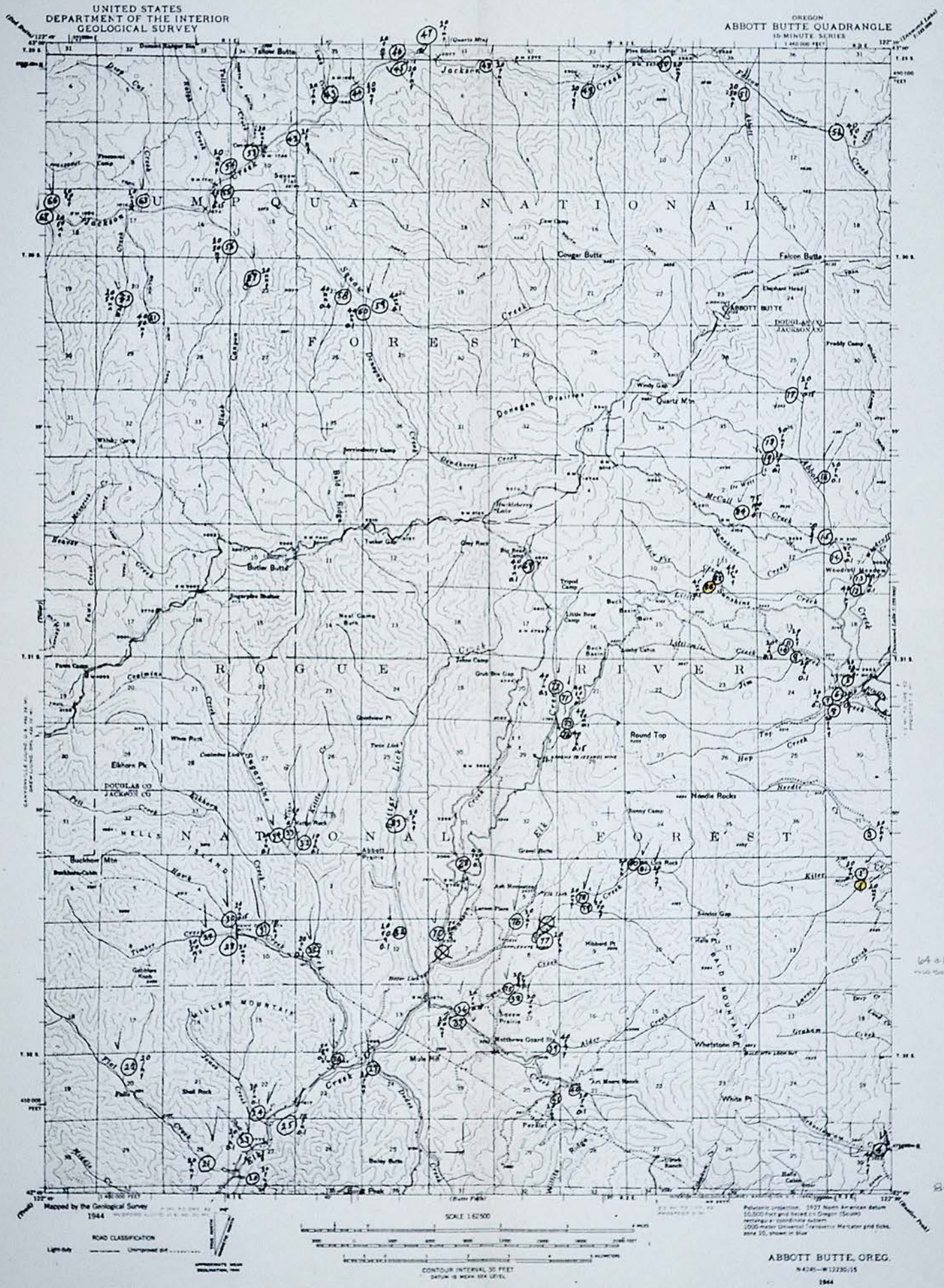
FILM NO. 4-[illegible]B
REPORT NO. HM 1195

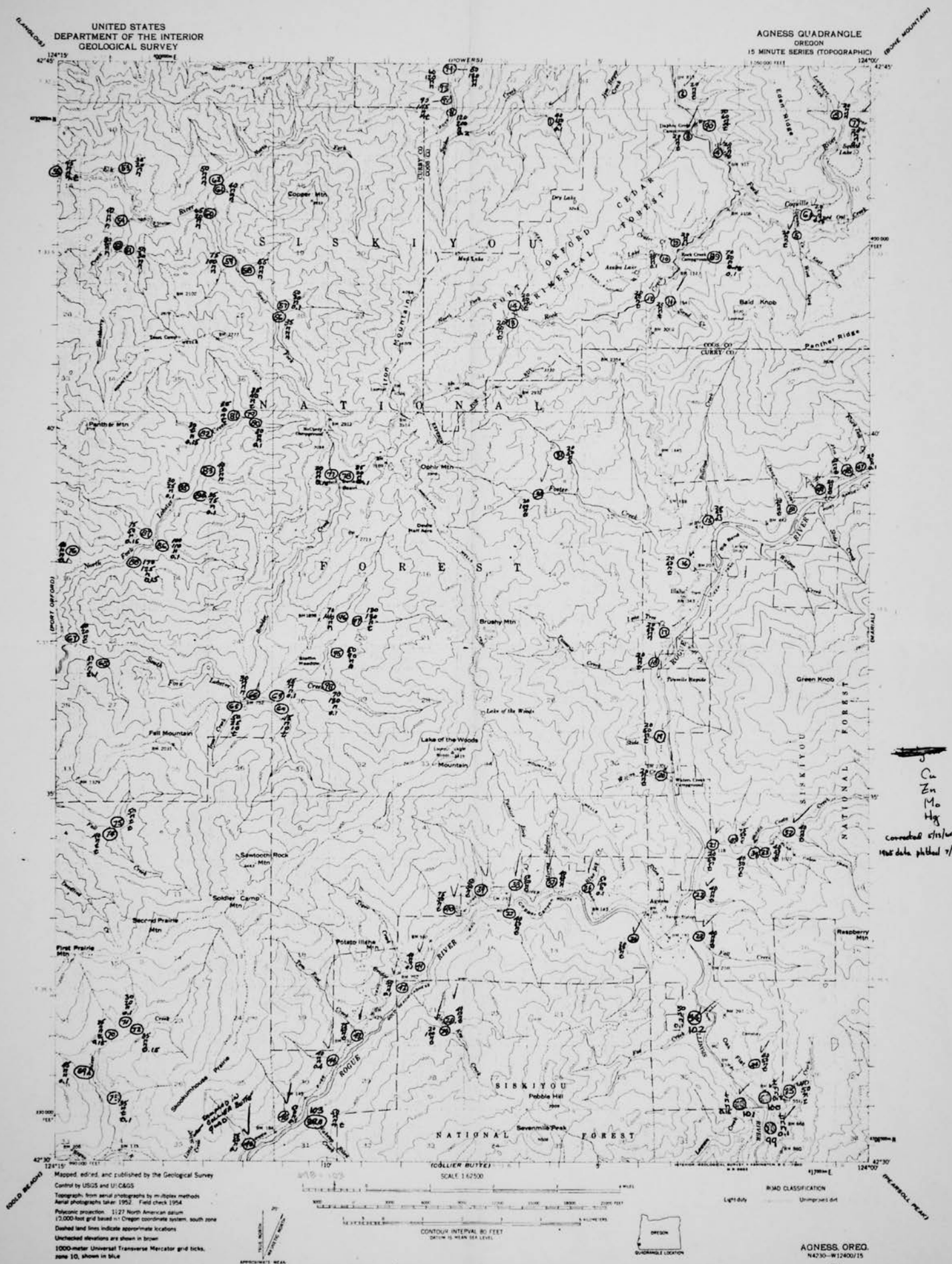
ANALYST E. F. Cooley

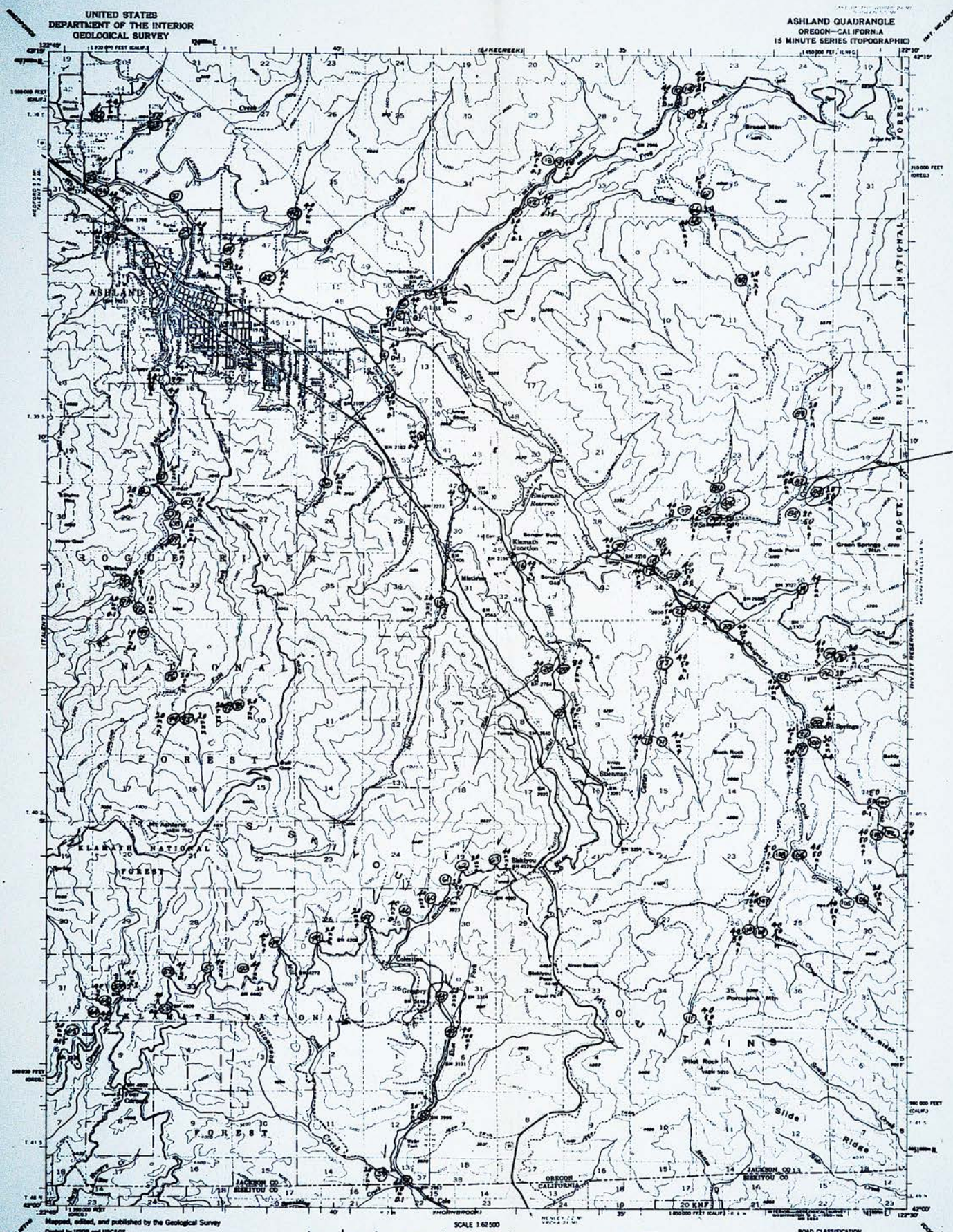
Sheet #2

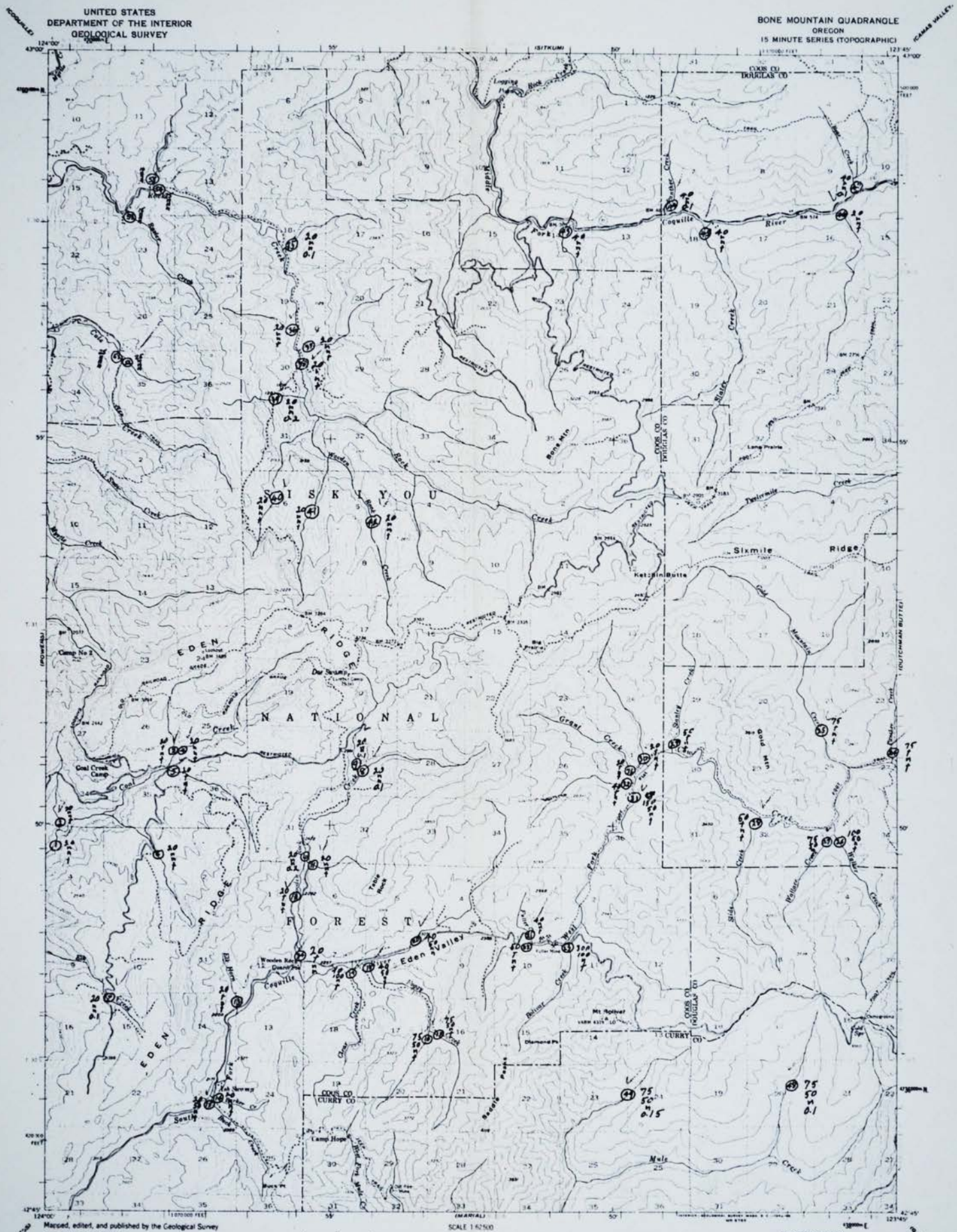
	TAG no.	FIELD NO.	La	Mo	Nb	Ni	Pb	Pd	Pt	Sb	Sc	Sn	Sr	Te	U	V	W	Y	Zn	Zr
1	Composits	W-1	70	L	10	L	30	-	-	N	L	N	200	-	-	20	N	L	N	200
2		BIE-137	L	L	10	50	L	-	-	↓	10	↓	200	-	-	100	↓	10	L	50
3		138	L	L	10	70	10	-	-	↓	10	↓	200	-	-	100	↓	10	200	50
4		139	L	L	10	100	L	-	-	↓	10	↓	200	-	-	70	↓	10	L	50
5		140	L	L	10	100	L	-	-	↓	10	↓	200	-	-	70	↓	10	L	100
6								-	-					-	-					
7								-	-					-	-					
8								-	-					-	-					
9								-	-					-	-					
10								-	-					-	-					
11								-	-					-	-					
12								-	-					-	-					
13								-	-					-	-					
14								-	-					-	-					
15								-	-					-	-					
16								-	-					-	-					
17								-	-					-	-					
18								-	-					-	-					
19								-	-					-	-					
20								θ	-					-	-					
21								-	-					-	-					
22								-	-					-	-					
23								-	-					-	-					
24								-	-					-	-					

REMARKS: G = Greater than 10%, or greater than value shown. N=Not detected at limit of detection, or at value shown.
H = Interference
- = Not looked for.
L=Detected, but below limit of determination, or below value shown.
*= Usual limits of determinations do not apply due to use of dilution technique


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
OREGON
ABBOTT BUTTE QUADRANGLE
15-MINUTE SERIES
SUMPQUA NATIONAL FOREST
ROGUE RIVER
HELLS NATIONAL FOREST
Yellow Butte
Cougar Butte
Falcon Butte
ABBOTT BUTTE
Quartz Mtn
Butler Butte
Round Top
Needle Rocks
Elkhorn Pk
Buckhorn Mtn
Mule Hill
White Pt
Whetstone Pt
DOUGLAS CO
JACKSON CO
Mapped by the Geological Survey
1944
ROAD CLASSIFICATION
SCALE 1:62500
CONTOUR INTERVAL 50 FEET
ABBOTT BUTTE, OREG.
1944
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 2, COLORADO OR WASHINGTON 25, D. C.

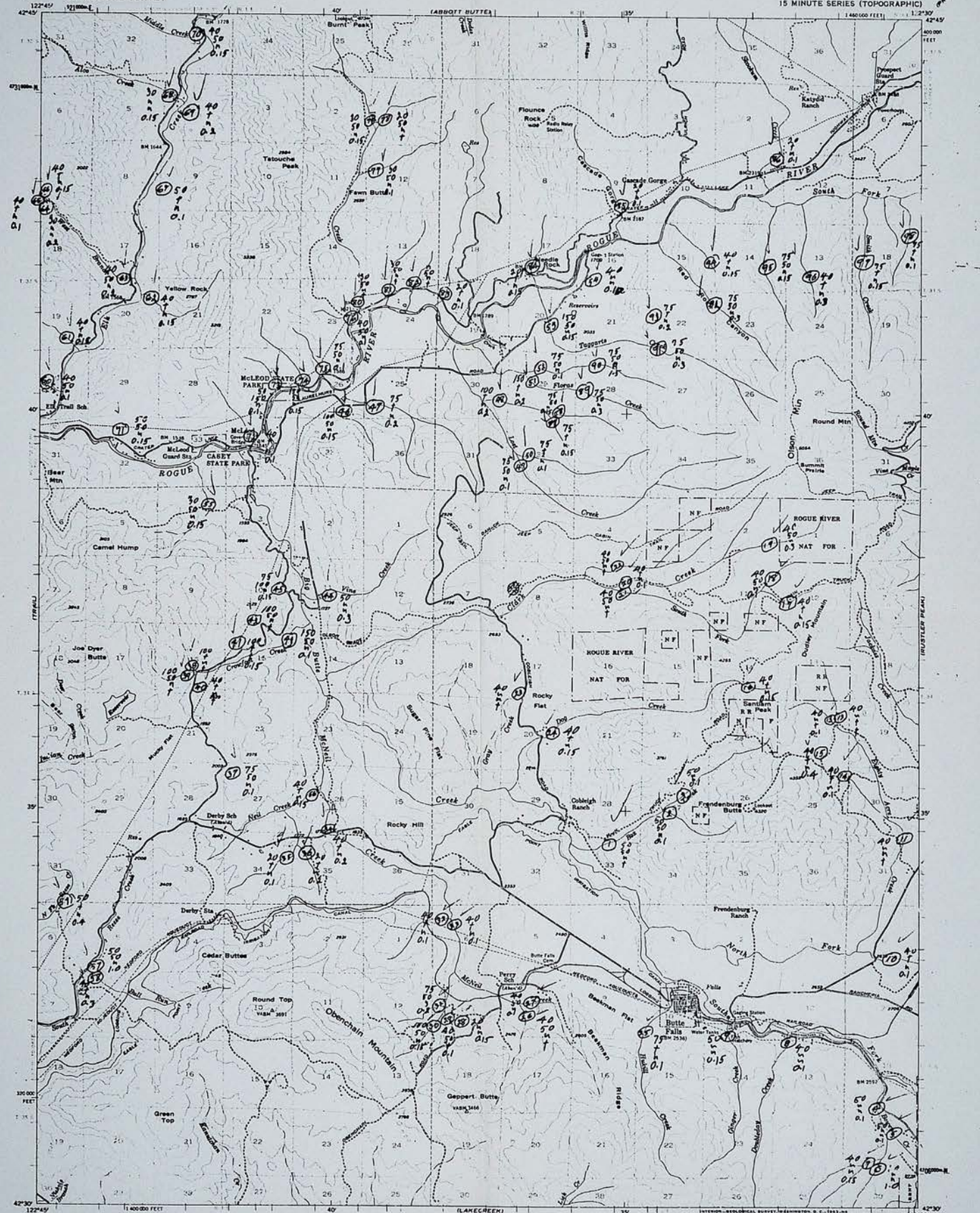

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
AGNESS QUADRANGLE
OREGON
15 MINUTE SERIES (TOPOGRAPHIC)
SISKIYOU
NATIONAL
FOREST
PURTYMENTAL CEDAR FOREST
Copper Mtn.
Bald Knob
Panther Ridge
Panther Mtn.
Ophir Mtn.
Brushy Mtn.
Green Knob
Fall Mountain
Lake of the Woods
Sawtooth Rock Mtn.
Soldier Camp Mtn.
Second Prairie Mtn.
First Prairie Mtn.
Potato Illahe Mtn.
Raspberry Mtn.
Pebble Hill
Sevenmile Peak
ROGUE RIVER
Cu
Zn
Mo
Hg
corrected 5/11/66
new data plotted 7/6/66
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952 Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone
Dashed land lines indicate approximate locations
Unchecked elevations are shown in brown
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
SCALE 1:62500
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL
ROAD CLASSIFICATION
Light duty
Unimproved dirt
OREGON
QUADRANGLE LOCATION
AGNESS, OREG.
N4230—W12400/15
1954
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
ASHLAND QUADRANGLE
OREGON—CALIFORNIA
15 MINUTE SERIES (TOPOGRAPHIC)
ASHLAND
KLAMATH NATIONAL FOREST
ROGUE RIVER NATIONAL FOREST
SISKIYOU MOUNTAINS
Emigrant Reservoir
Howard Prairie Reservoir (Hyatt Reservoir)
Keno Access
Mt Ashland
Siskiyou
Colestin
Pilot Rock
Porcupine Mtn
Slide Ridge
Stenman
Klamath Junction
Green Springs Mtn
Dead Indian Memorial Highway
JACKSON CO
SISKIYOU CO
OREGON
CALIFORNIA
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone
and California coordinate system, zone 1
1000-meter Universal Transverse Mercator grid ticks,
zone 10, shown in blue
Red tint indicates areas in which only landmark buildings are shown
Dashed red lines indicate approximate locations
SCALE 1:62500
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL
ROAD CLASSIFICATION
Heavy-duty
Medium-duty
Light duty
Unimproved dirt
U.S. Route
State Route
ASHLAND, OREG.—CALIF.
N4200—W12230/15
1954
THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST


UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
BONE MOUNTAIN QUADRANGLE
OREGON
15 MINUTE SERIES (TOPOGRAPHIC)
SISKIYOU
NATIONAL
FOREST
EDEN RIDGE
Sixmile Ridge
Eden Valley
Coquille River
Camp No 2
Goal Creek Camp
Camp Hope
Mt Reliver
Diamond Pk
Bone Mtn
Gravel Creek
Twelvemile Creek
Long Prairie
Wooden Rock
Dunn Spring
Lookout
COOS CO
DOUGLAS CO
CURRY CO
(SITKUM)
(MARIAL)
(ROWENA)
(GLENDALE)
(KIMBAR VALLEY)
(GRAVES CR)
(BRADLEY)
(DUTCHMAN BUTTE)
Mapped, edited, and published by the Geological Survey
Control by USGS and USC&GS
Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field check 1954
Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone
1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue
Dashed land lines indicate approximate locations
Unchecked elevations are shown in brown
SCALE 1:62500
CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL
APPROXIMATE MEAN DECLINATION, 1954
ROAD CLASSIFICATION
Heavy duty
Medium duty
Light duty
Unimproved dirt
U.S. Route
State Route
OREGON
QUADRANGLE LOCATION
BONE MOUNTAIN, OREG.
N4245—W12345/15
1954
FOR SALE BY U. S. GEOLOGICAL SURVEY, DENVER 25, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BUTTE FALLS QUADRANGLE
OREGON—JACKSON CO.
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and Medford Water Commission

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1951. Field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

1000-meter Universal Transverse Mercator grid ticks, zone 10, shown in blue

SCALE 1:62500

CONTOUR INTERVAL 40 FEET
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION
Medium-duty _____ Light-duty _____
Unimproved dirt _ _ _ _ _
State Route

OREGON
QUADRANGLE LOCATION

APPROXIMATE MEAN DECLINATION, 1954

BUTTE FALLS, OREG.
N4230—W12230/15
1954

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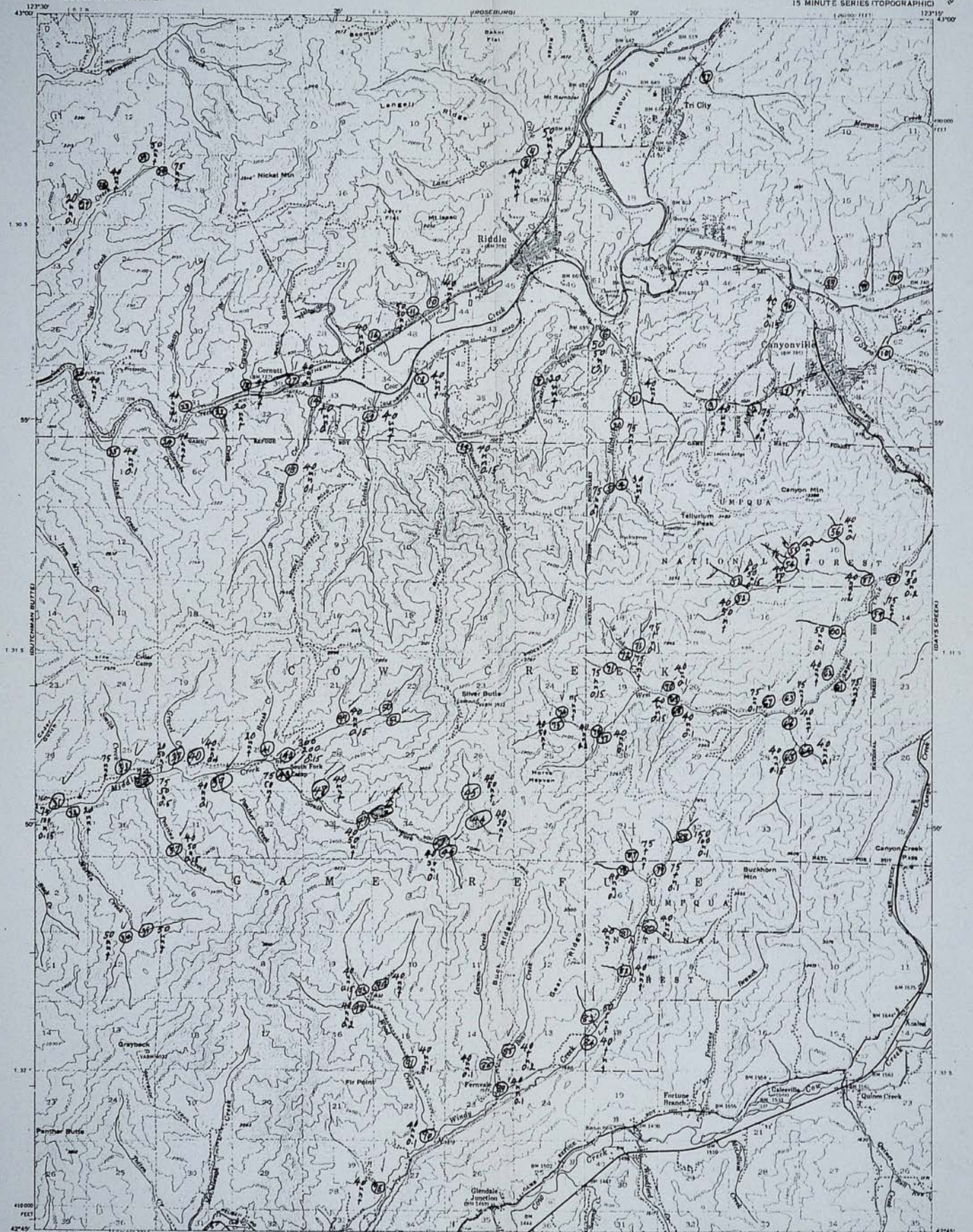
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CANYONVILLE QUADRANGLE
OREGON—DOUGLAS CO.
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USGS, USC&GS, and State of Oregon

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field check 1954

Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

SCALE 1:62500

CONTOUR INTERVAL 80 FEET
DASHED LINES REPRESENT HALF-INTERVAL CONTOURS
DATUM IS MEAN SEA LEVEL

ROAD CLASSIFICATION

Heavy duty	Light duty
Medium duty	Unimproved dirt
U S Route	State Route

APPROXIMATE MEAN DECLINATION, 1954

OREGON
QUADRANGLE LOCATION

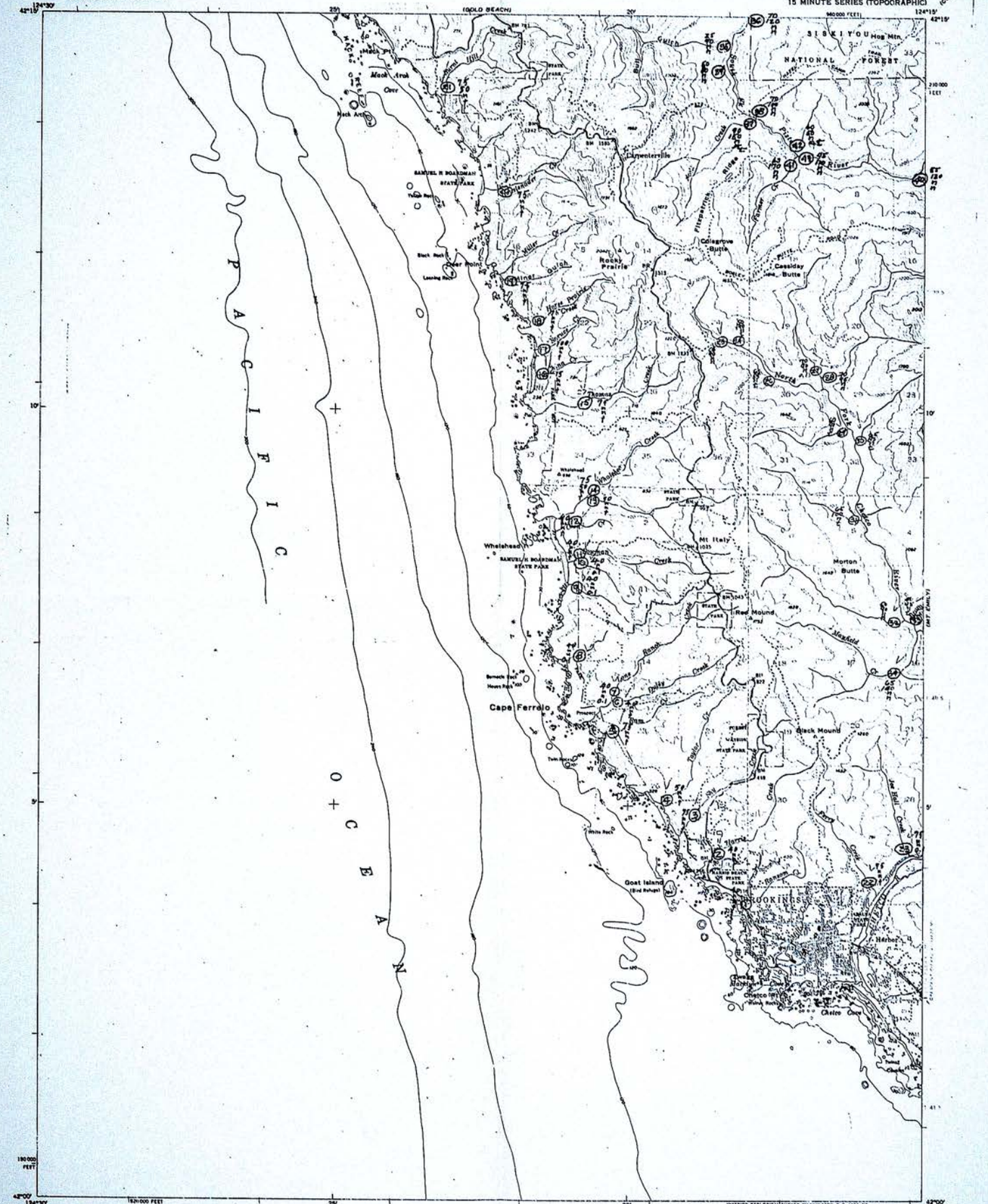
CANYONVILLE, OREG.
N4245—W12315/15

1954

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

CAPE FERRELO QUADRANGLE
OREGON—CURRY CO.
15 MINUTE SERIES (TOPOGRAPHIC)



Mapped, edited, and published by the Geological Survey

Control by USC&GS

Topography from aerial photographs by multiplex methods
Aerial photographs taken 1952. Field check 1954

Hydrography compiled from USC&GS Chart 5896 (1951)

Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone

Dashed land lines indicate approximate locations

Unchecked elevations are shown in brown

SCALE 1:62500

CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL
DEPTH CURVES IN FEET—DATUM IS MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 5 FEET

ROAD CLASSIFICATION

Heavy-duty		Light duty
Medium-duty		Unimproved dirt
U.S. Route		State Route

APPROXIMATE MEAN DECLINATION, 1954

OREGON
QUADRANGLE LOCATION

THIS MAP COMPLIES WITH NATIONAL MAP ACCURACY STANDARDS
FOR SALE BY U. S. GEOLOGICAL SURVEY, FEDERAL CENTER, DENVER, COLORADO OR WASHINGTON 25, D. C.
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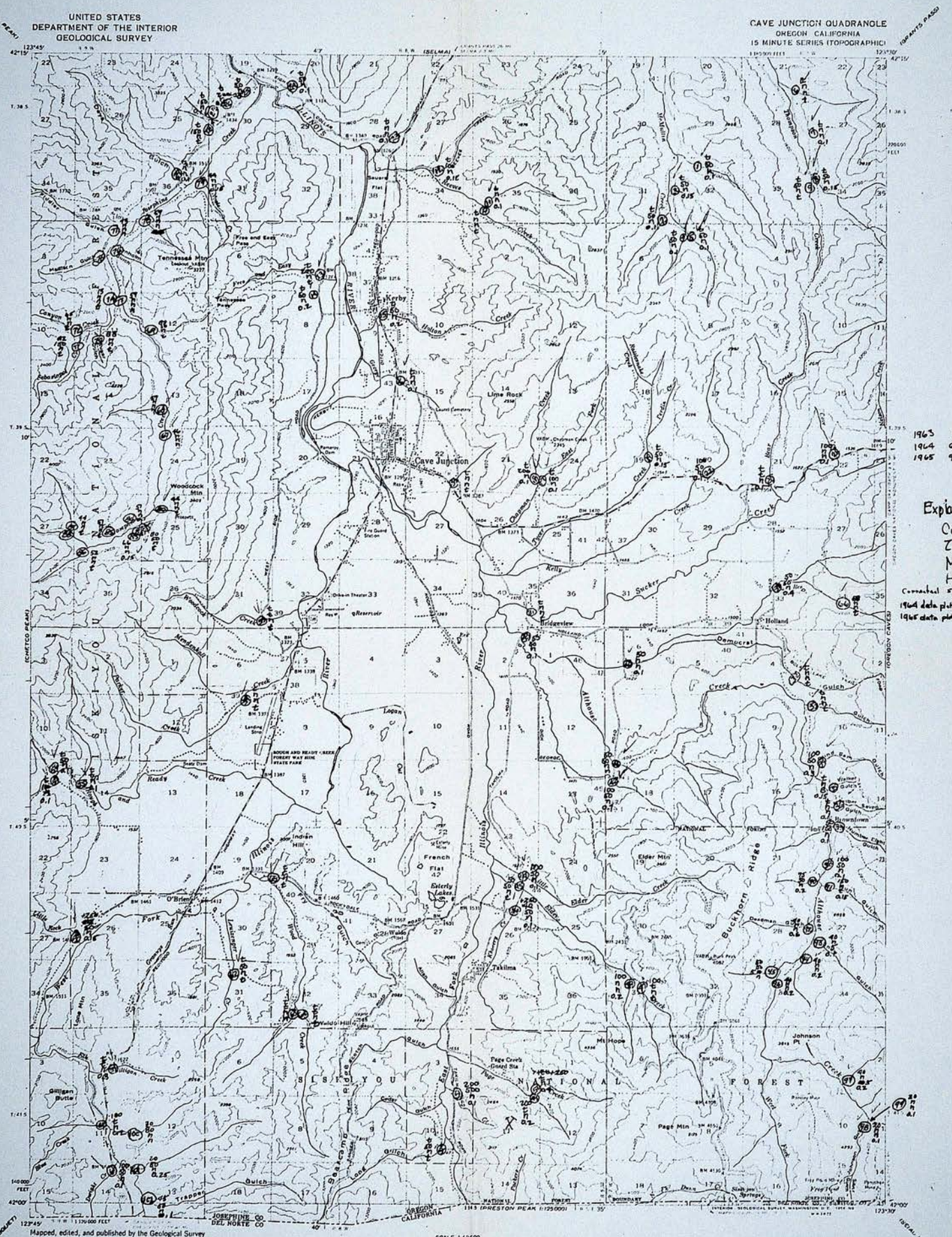
CAPE FERRELO, OREG.
N4200—W12415/15
1954



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Control by USGS and USC&GS

Topography from aerial photographs by multiplex methods and from planetable surveys by USBR and by USGS 1954
Aerial photographs taken 1952

Polyconic projection. 1927 North American datum
10,000-foot grid based on Oregon coordinate system, south zone

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APPROXIMATE MEAN DECLINATION, 1954

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